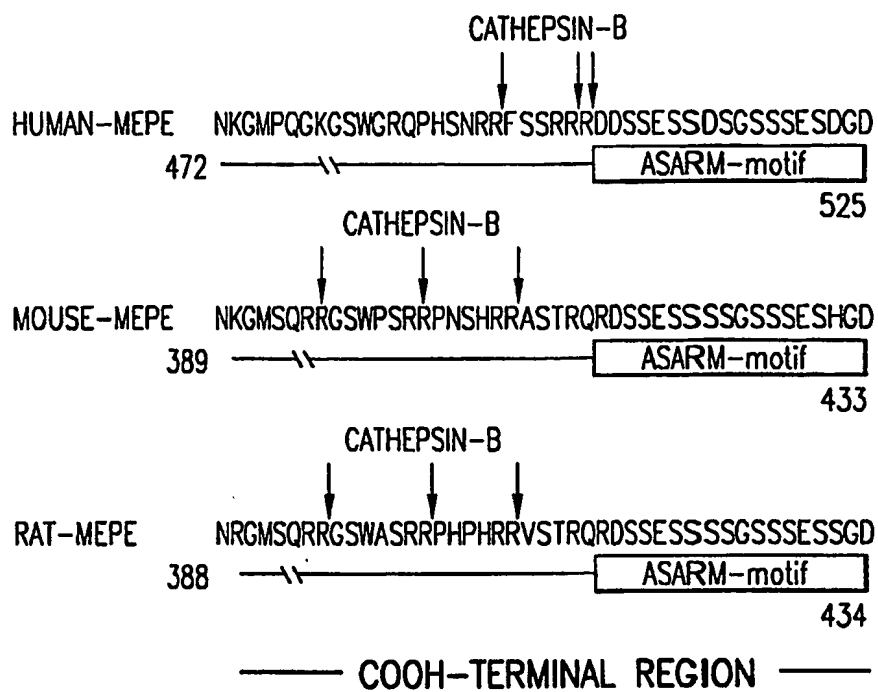
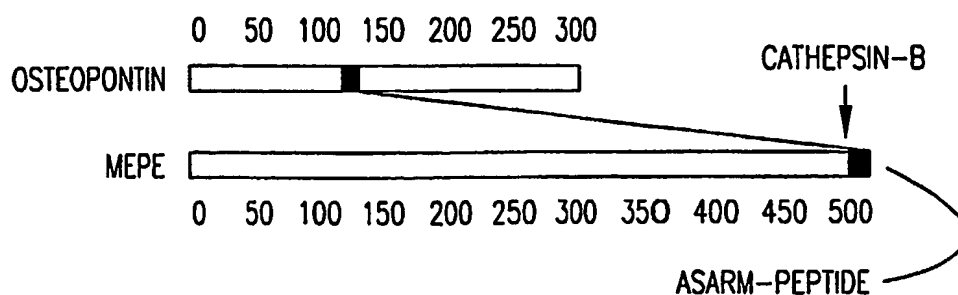


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**FIG. 1A**



**FIG. 1 B**

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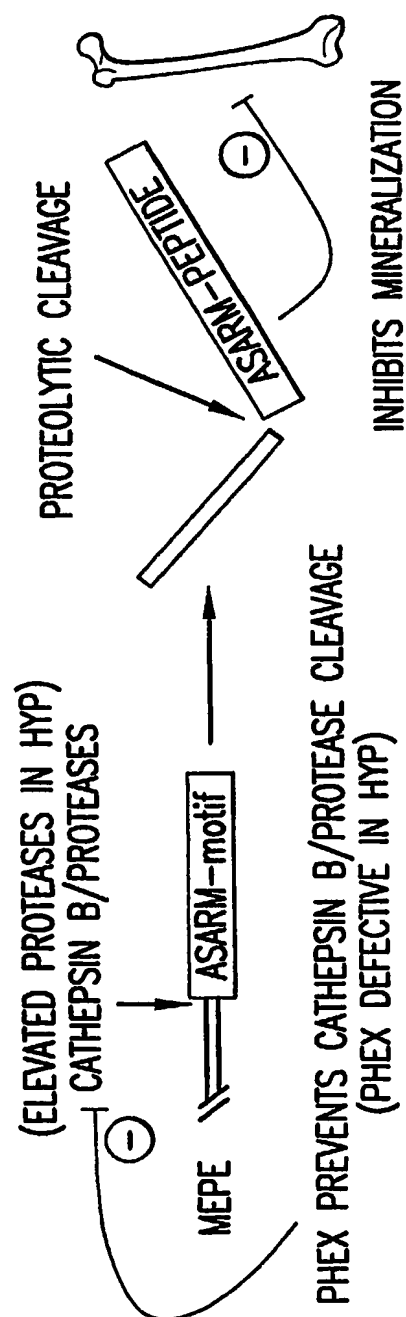


FIG.2

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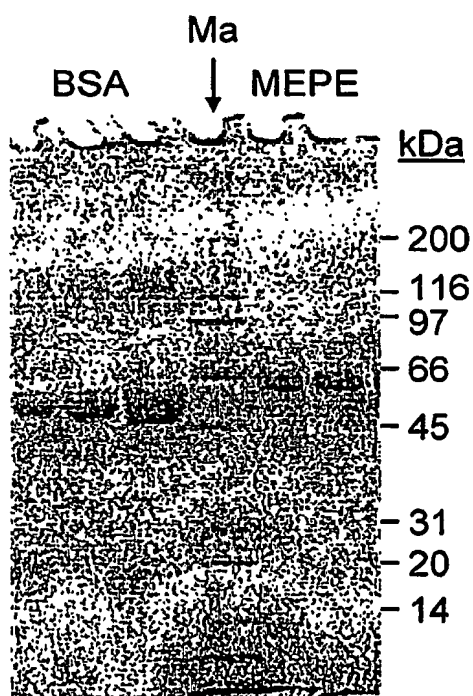


FIG.3A

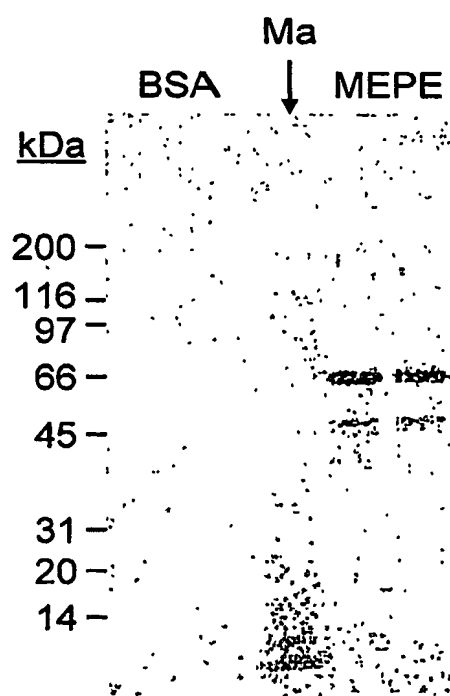


FIG.3B

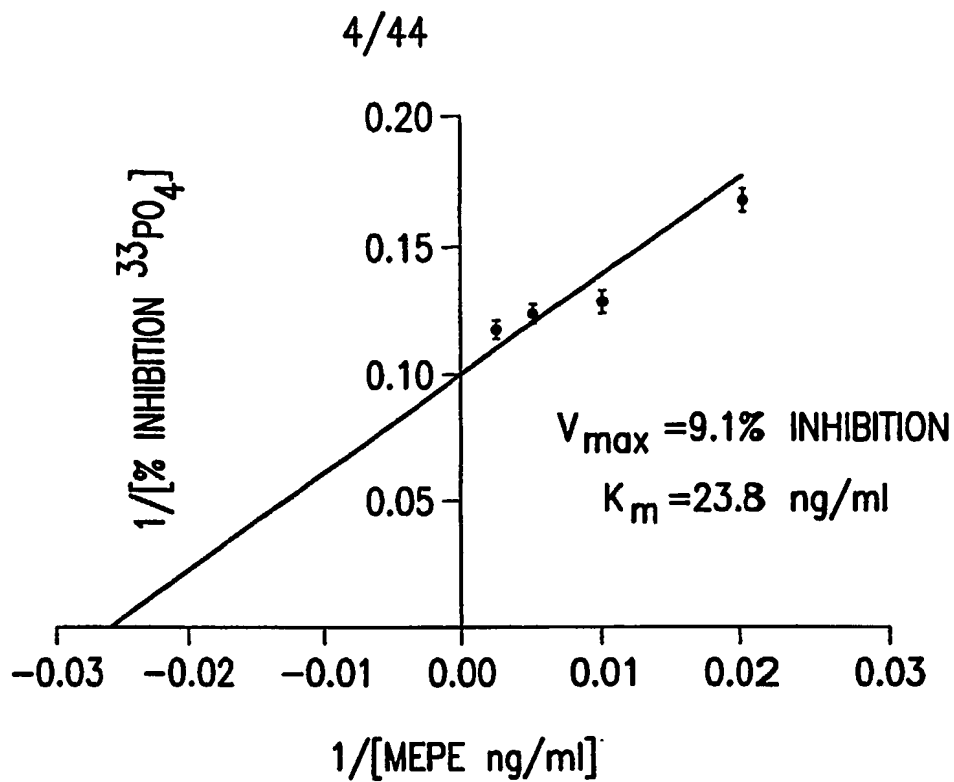


FIG. 4A

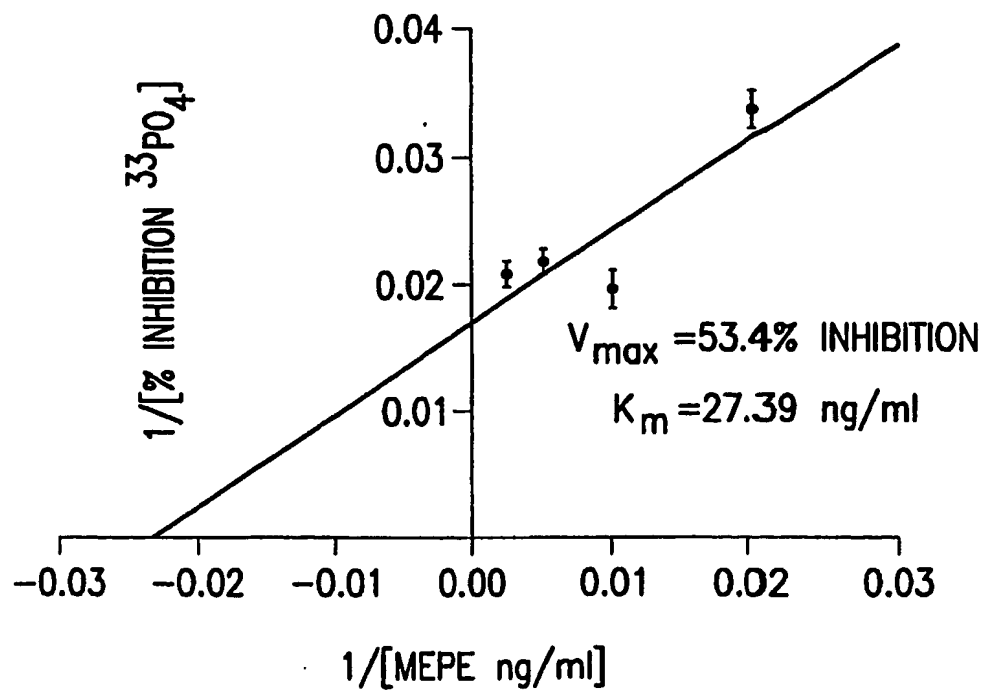


FIG. 4B

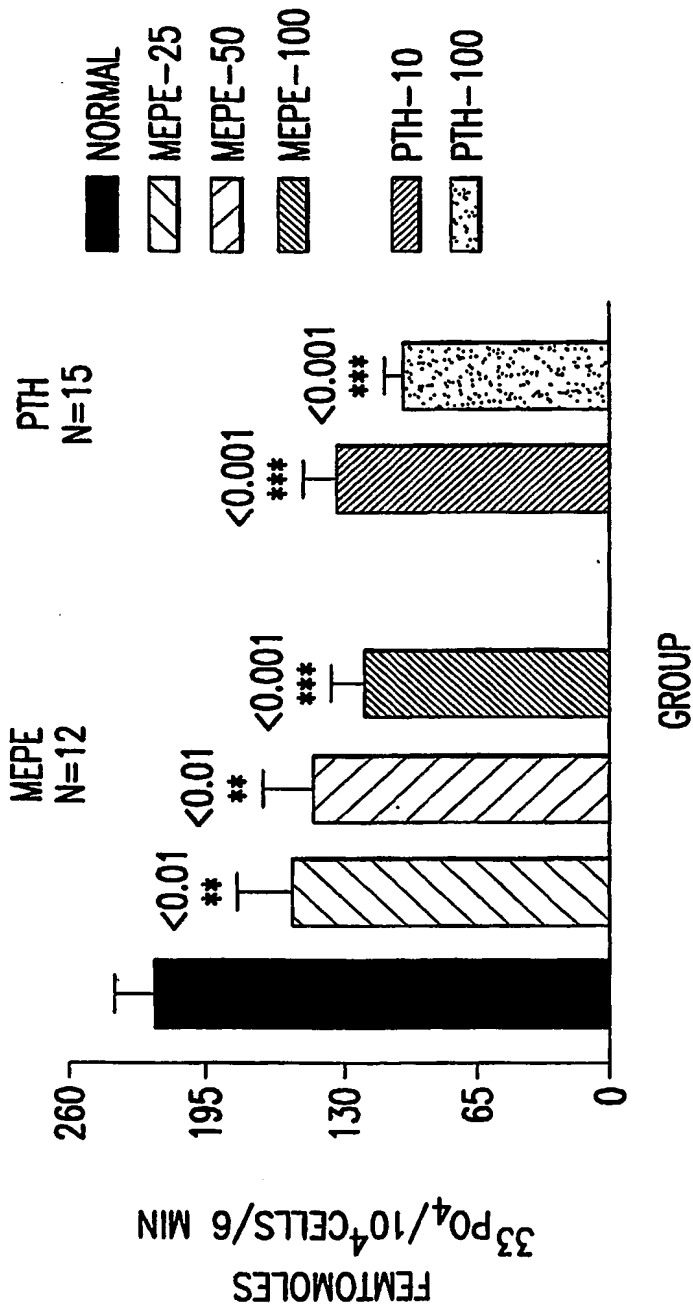
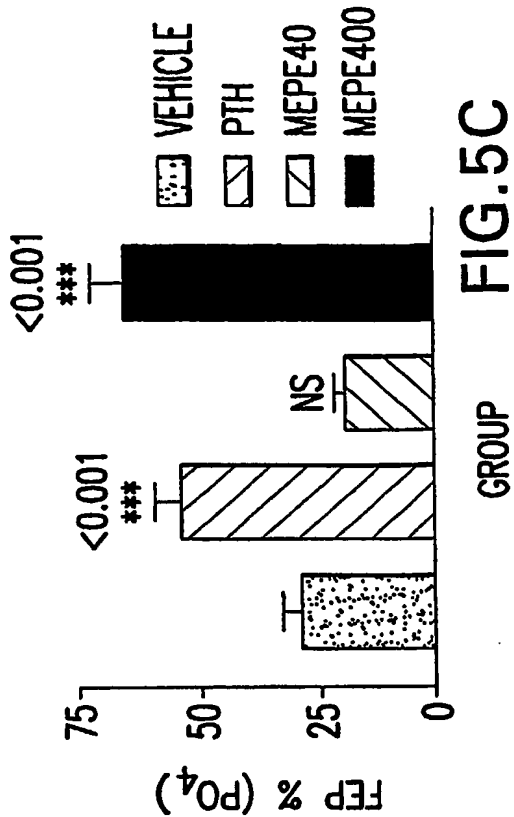
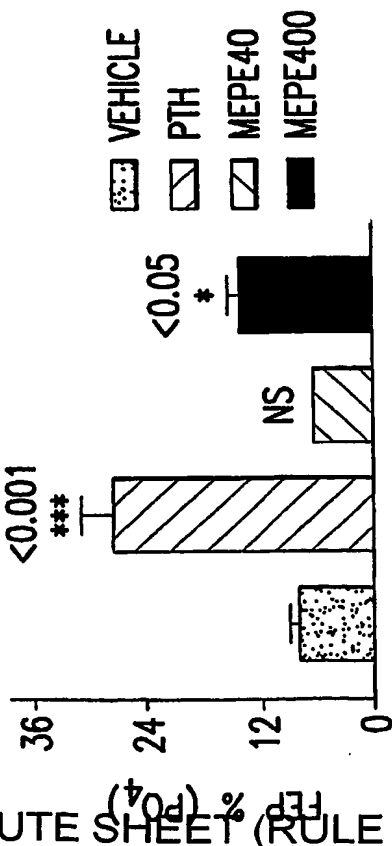
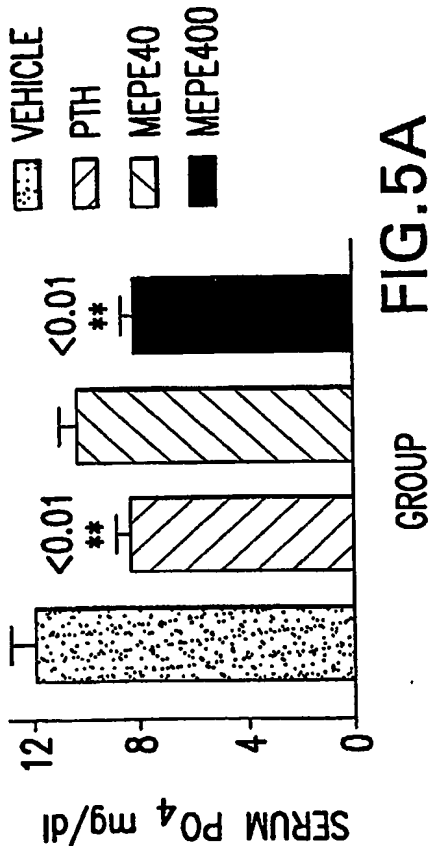
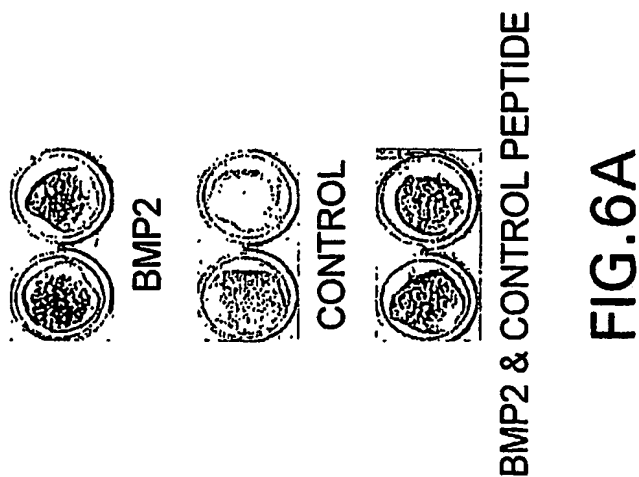
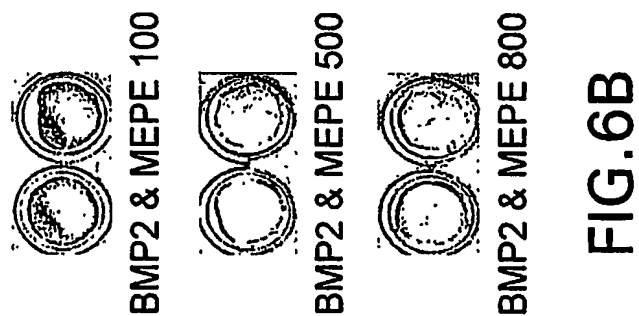
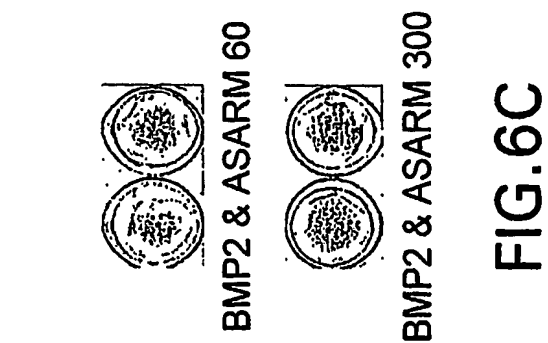


FIG.4C

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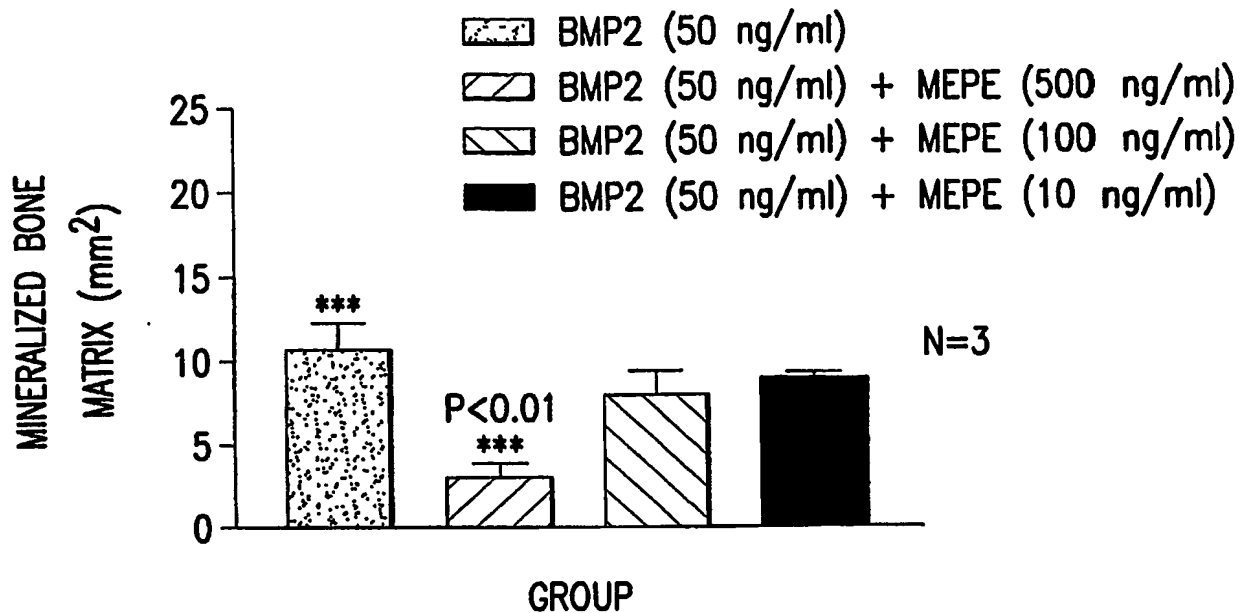


FIG.7A

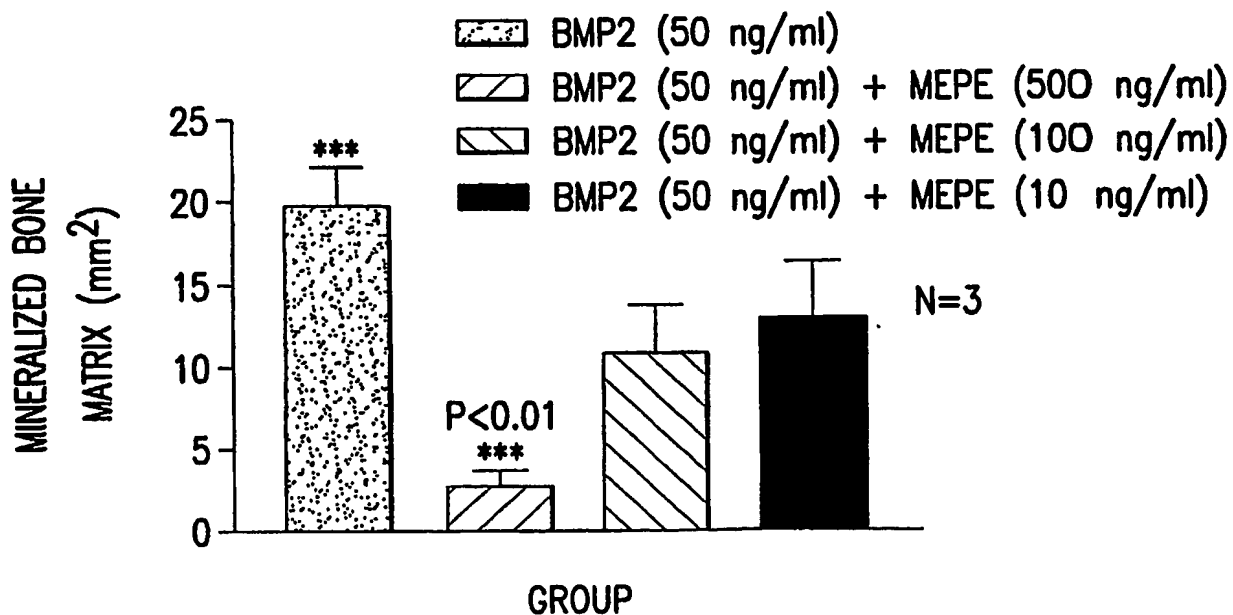
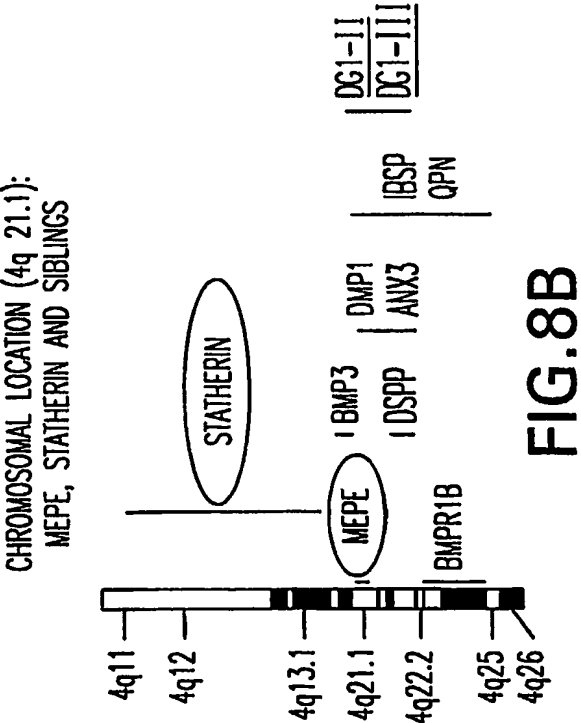
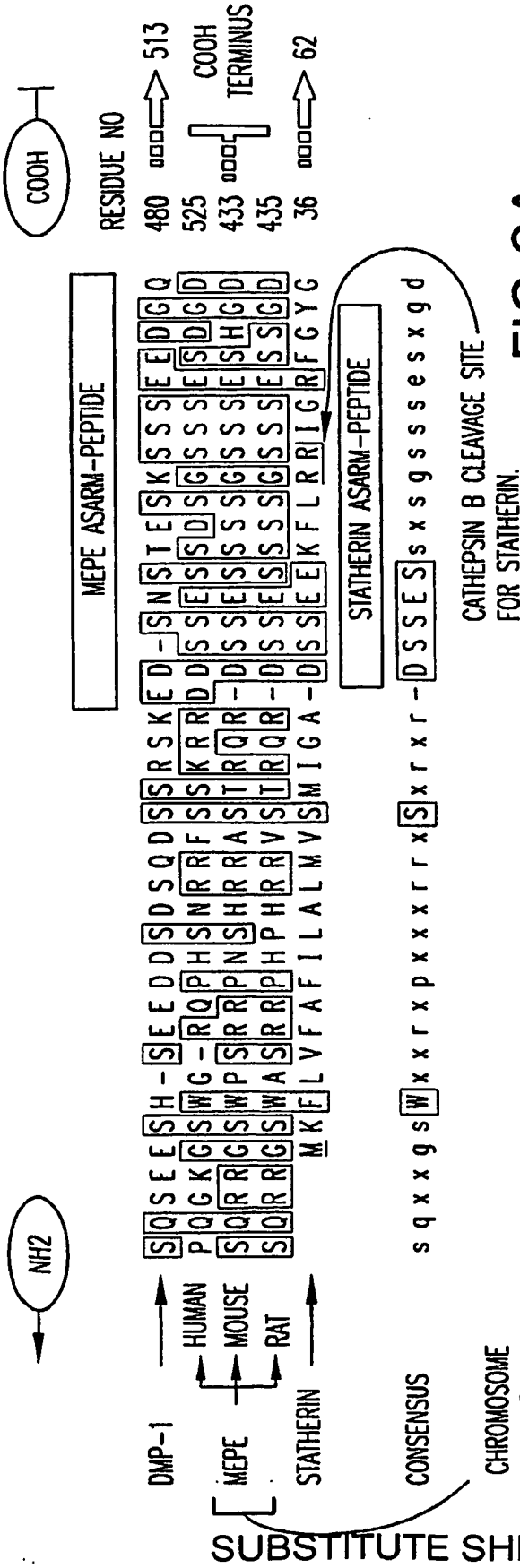


FIG.7B



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SERUM																
7 HOURS								31 HOURS								
VALUES	VEHICLE		PTH		MEPE 40		MEPE 400		VEHICLE		PTH		MEPE 40		MEPE 400	
	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM
Glucose	196.40	12.64	195.80	28.02	223.75	17.74	195.60	7.139	194.80	12.65	225.20	19.70	230.00	35.00	182.25	17.38
Alb	153.80	0.86	152.800	1.11	151.80	1.32	153.00	0.32	155.00	0.55	155.20	0.86	155.33	1.33	154.40	0.60
Ca	9.06	0.34	8.96	0.44	8.48	0.46	8.30	0.19	9.06	0.34	8.96	0.44	11.27	1.15	9.99	0.68
Chol	119.40	0.51	122.60	1.21	117.40	0.93	119.20	0.66	119.00	0.70	116.00	1.18	121.75	1.11	118.80	0.58
Alk Phos	67.89	7.39	64.01	5.17	62.07	7.82	58.84	3.56	65.06	6.04	46.31*	3.56	45.63*	4.52	46.31**	2.8
Urea	-	-	-	-	-	-	-	-	25.20	1.25	61.17	1.17	31.5	0.54	45.0	1.95
Creatinine	1.07	0.09	1.04	0.03	0.92	0.07	1.01	0.04	0.97	0.10	0.86	0.05	0.92	0.07	0.87	0.08
FeP	7.79	0.94	27.42***	3.38	6.27	0.30	14.43**	0.89	28.71	3.97	53.26***	4.51	19.35	2.17	65.00***	6.47
APC	2.13	0.09	8.97***	1.14	2.28	0.14	4.73***	0.24	3.77	0.32	11.93***	0.63	2.65	0.16	6.79***	0.32
CEI	3.47	0.11	7.47***	0.95	3.96	0.24	5.34*	0.27	8.89	0.76	11.19	0.56	7.19	0.44	29.88***	1.41

URINE																
7 HOURS								31 HOURS								
VALUES	VEHICLE		PTH		MEPE 40		MEPE 400		VEHICLE		PTH		MEPE 40		MEPE 400	
	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM	VALUE	SEM
Pi (mg/dl)	31.84	0.23	61.25	1.00	41.09	0.61	56.06	0.82	175.91	4.39	238.29	2.88	124.31	2.45	297.40	7.43
Pi (mg)	0.66	0.005	2.19	0.03	0.72	0.01	1.50	0.02	5.66	0.14	13.10	0.16	3.62	0.07	7.43	0.18
Ca (mg/dl)	16.59	0.35	17.57	0.48	15.28	0.38	14.50	0.46	5.63	0.20	3.18	0.12	6.14	0.17	5.78	0.15
Creatinine	48.38	1.27	32.56	0.09	62.67	0.38	41.16	0.69	51.79	1.03	47.32	0.43	58.60	0.57	48.89	0.35

FIG.9

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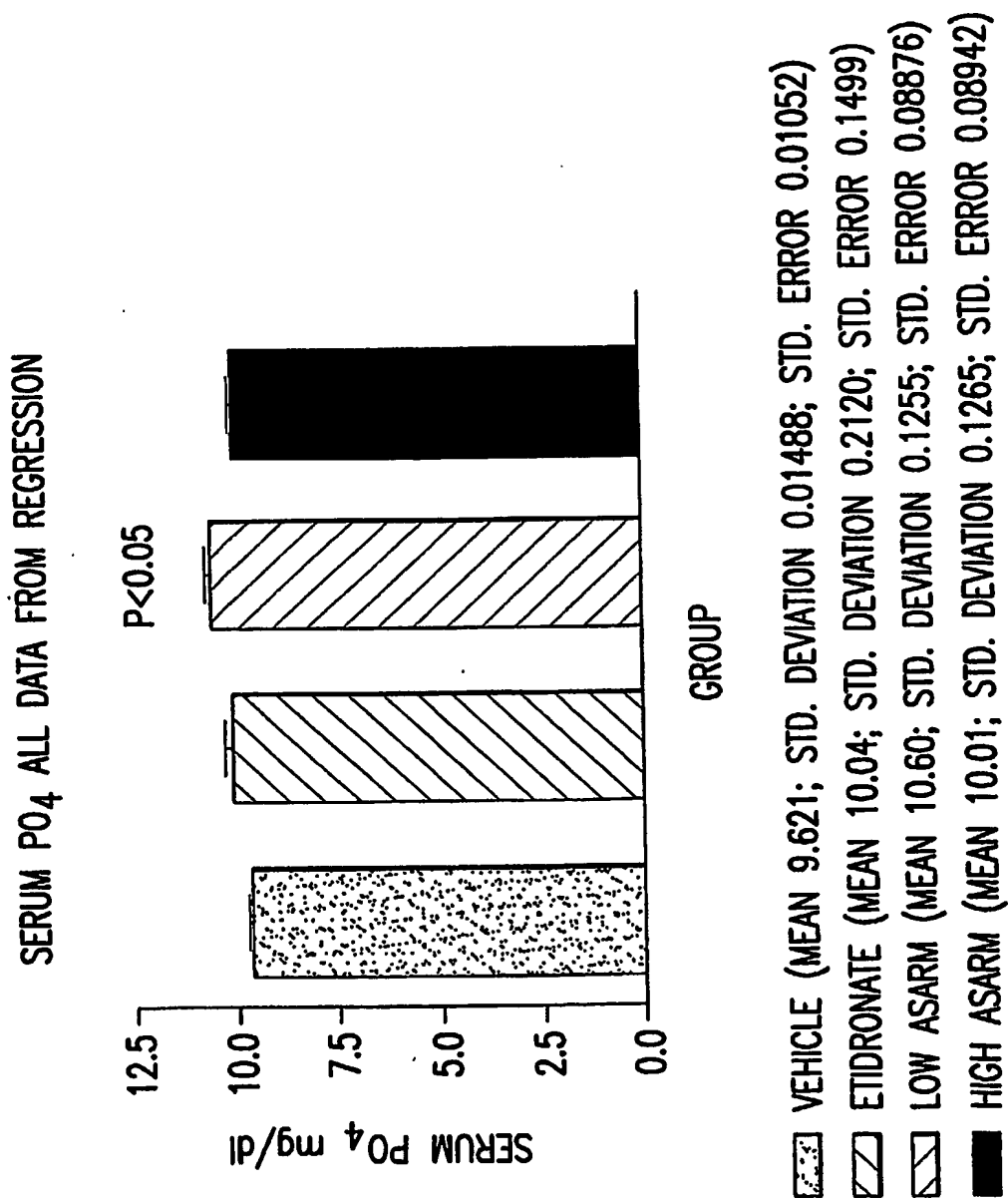


FIG.10

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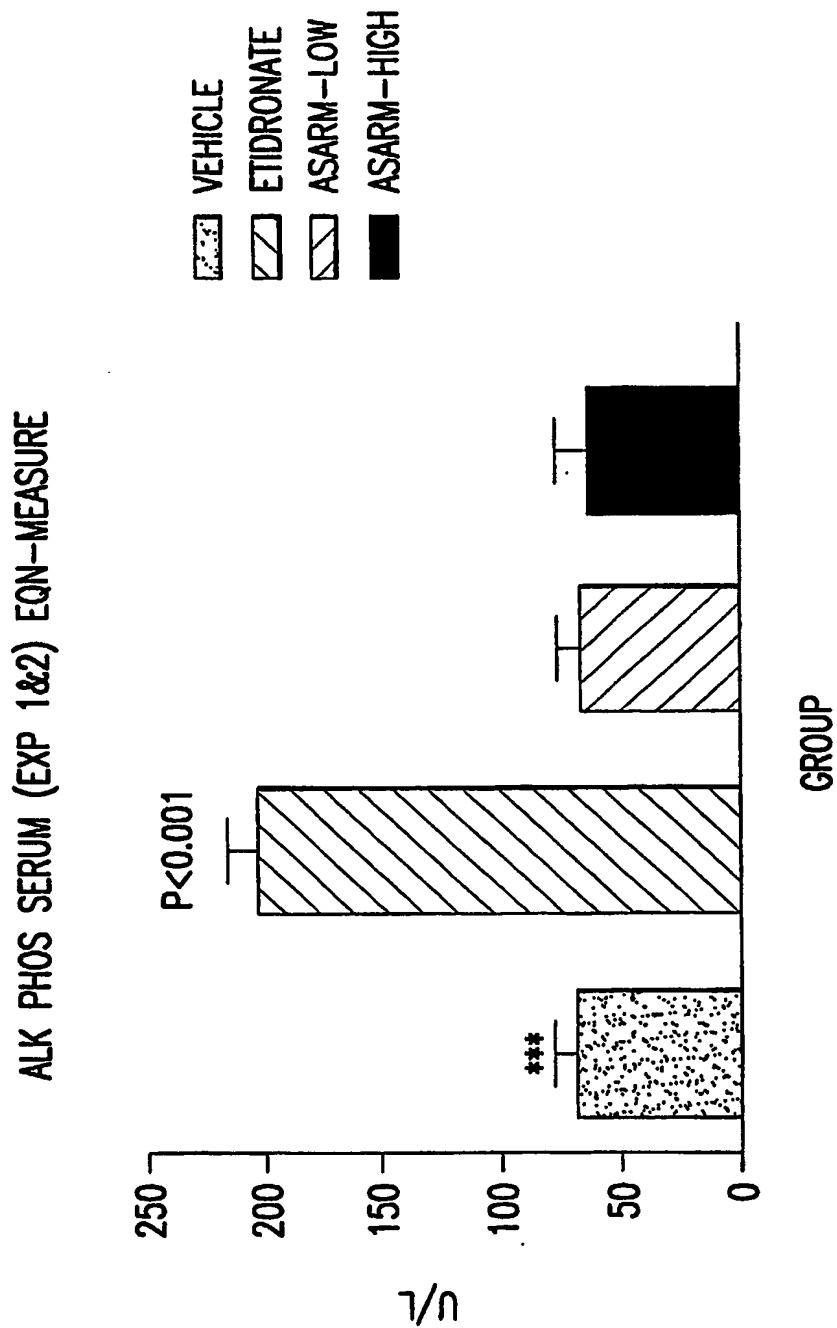


FIG.11

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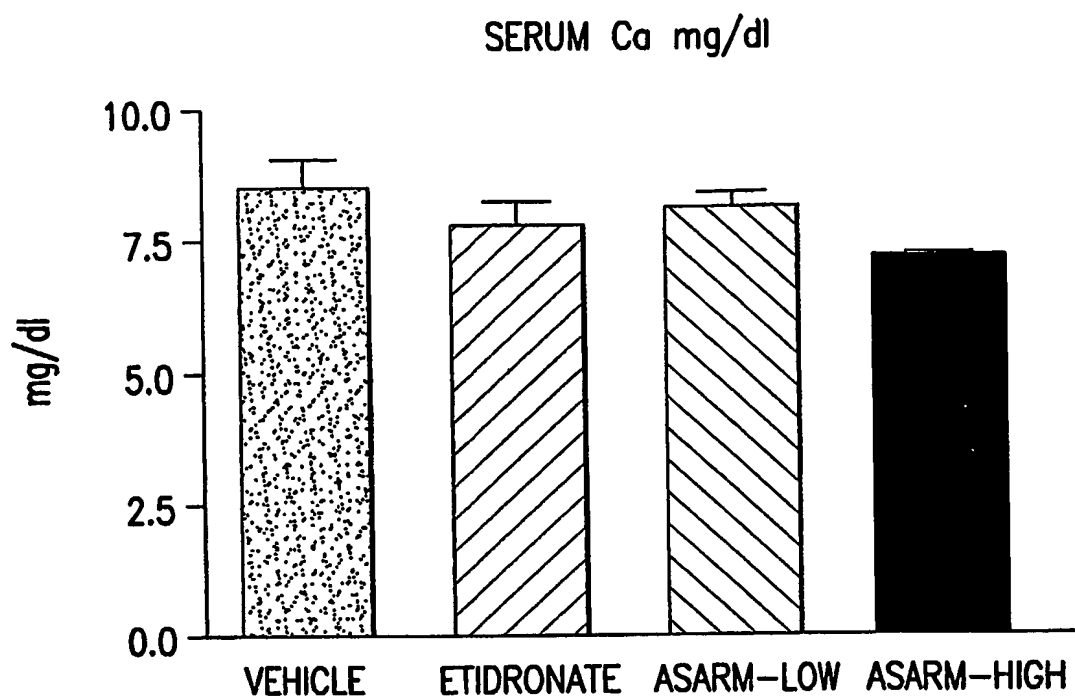


FIG.12

PO<sub>4</sub> EXCRETED IN mg 24 h/MOUSE PG05 URINE  
(REPEATED MEASURES ANOVA (n=3) TWO EXPERIMENTS)

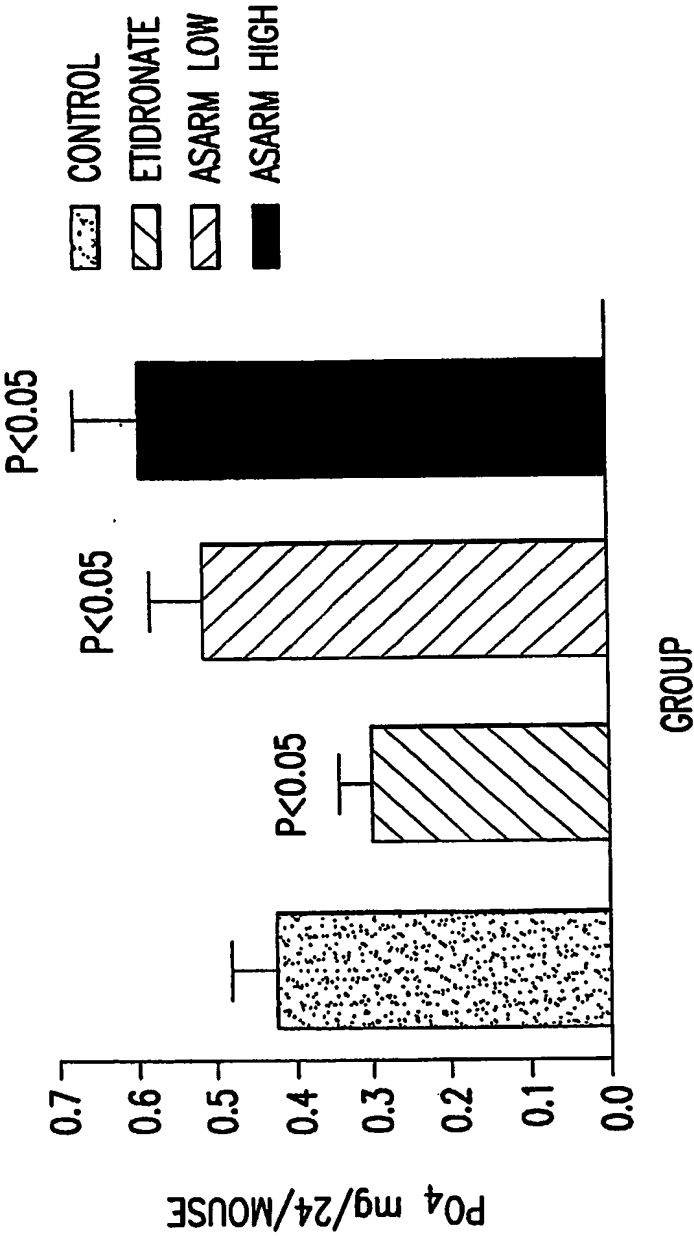


FIG.13

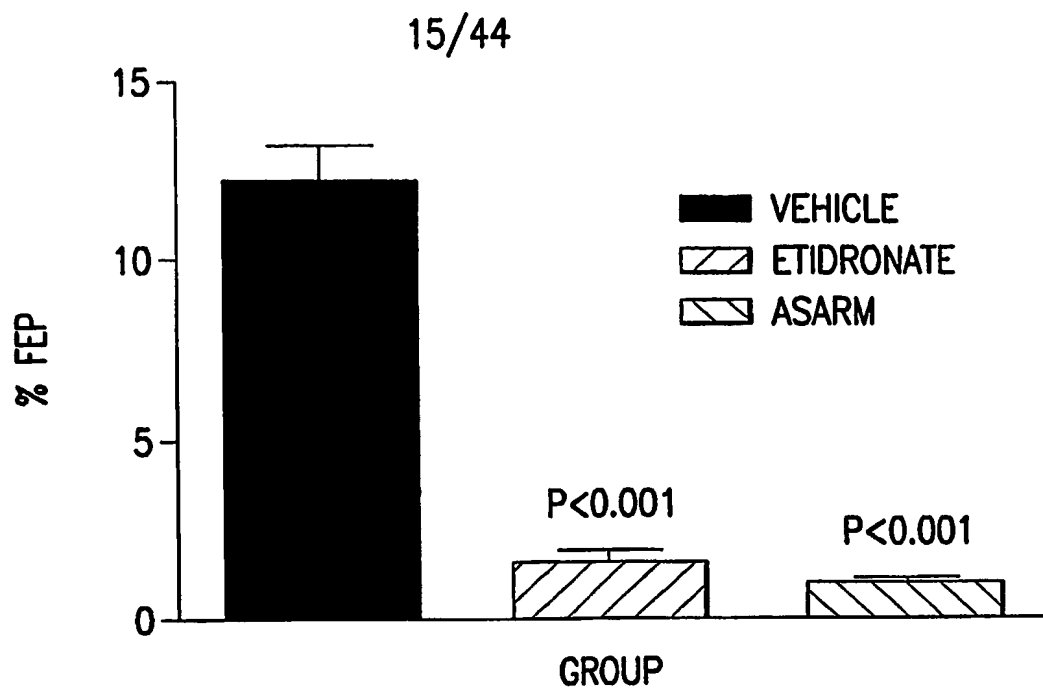


FIG. 14A

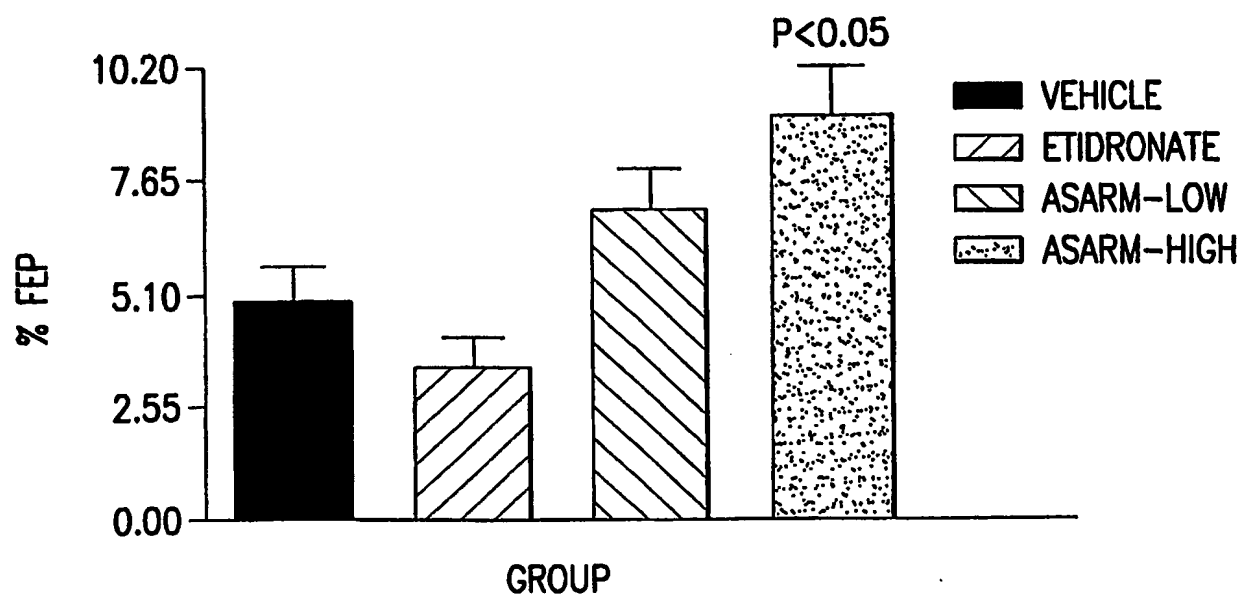


FIG. 14B

HYPERPHOSPHATEMIA INDUCTION  
(3 GROUPS, N=5, 2 EXPERIMENTS EACH  
INDIVIDUAL SAMPLE REPEATED 6 TIMES PER  
EXPERIMENT)

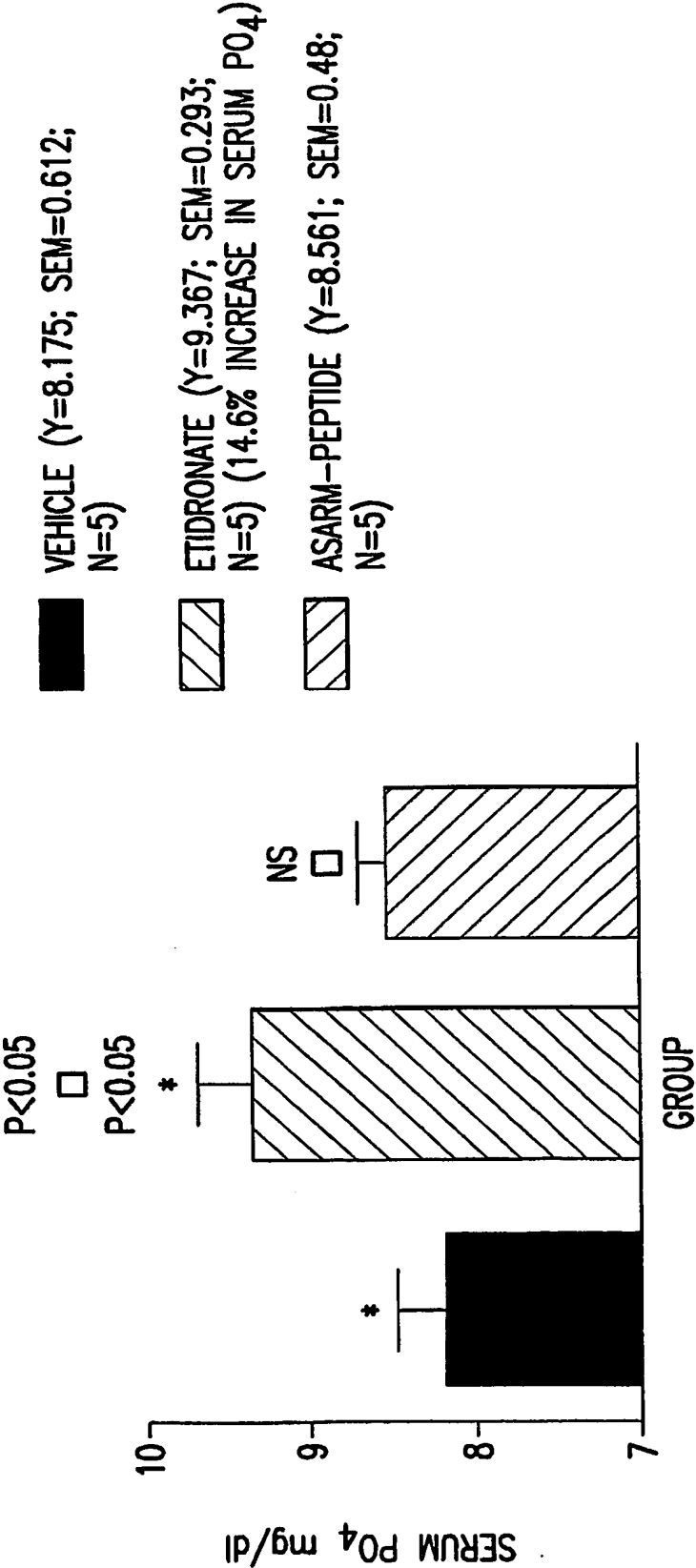


FIG.15



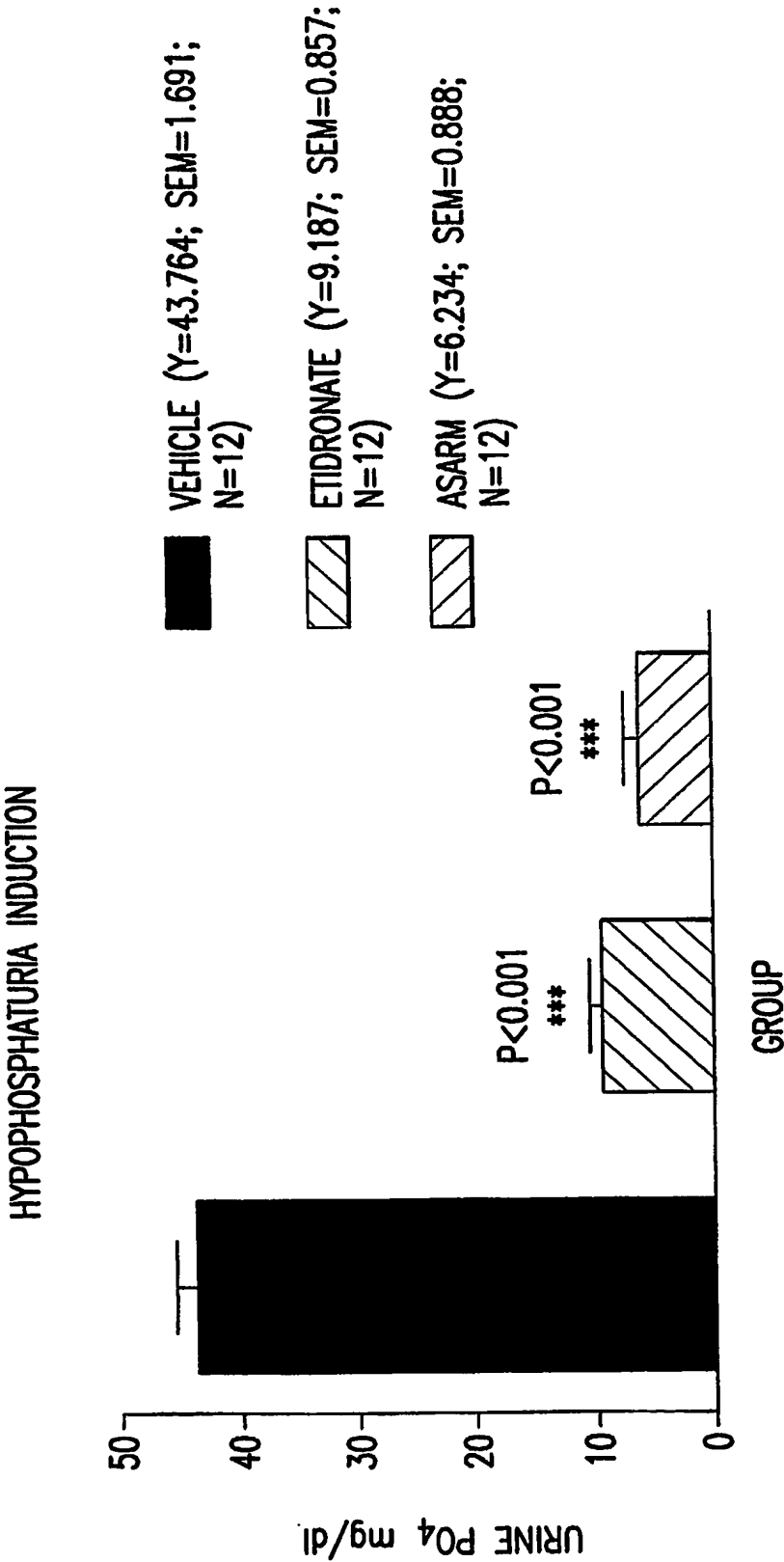


FIG.16

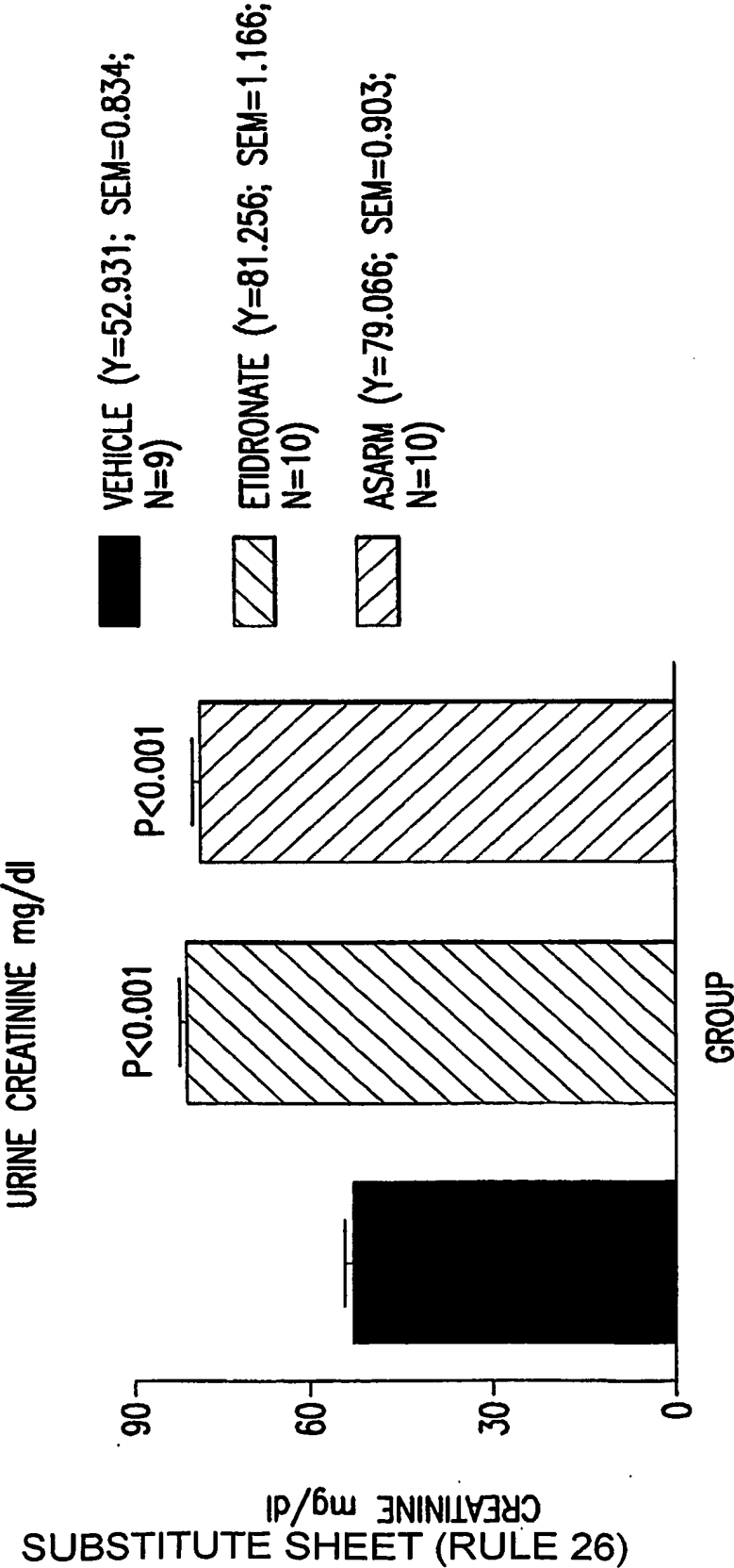


FIG.17

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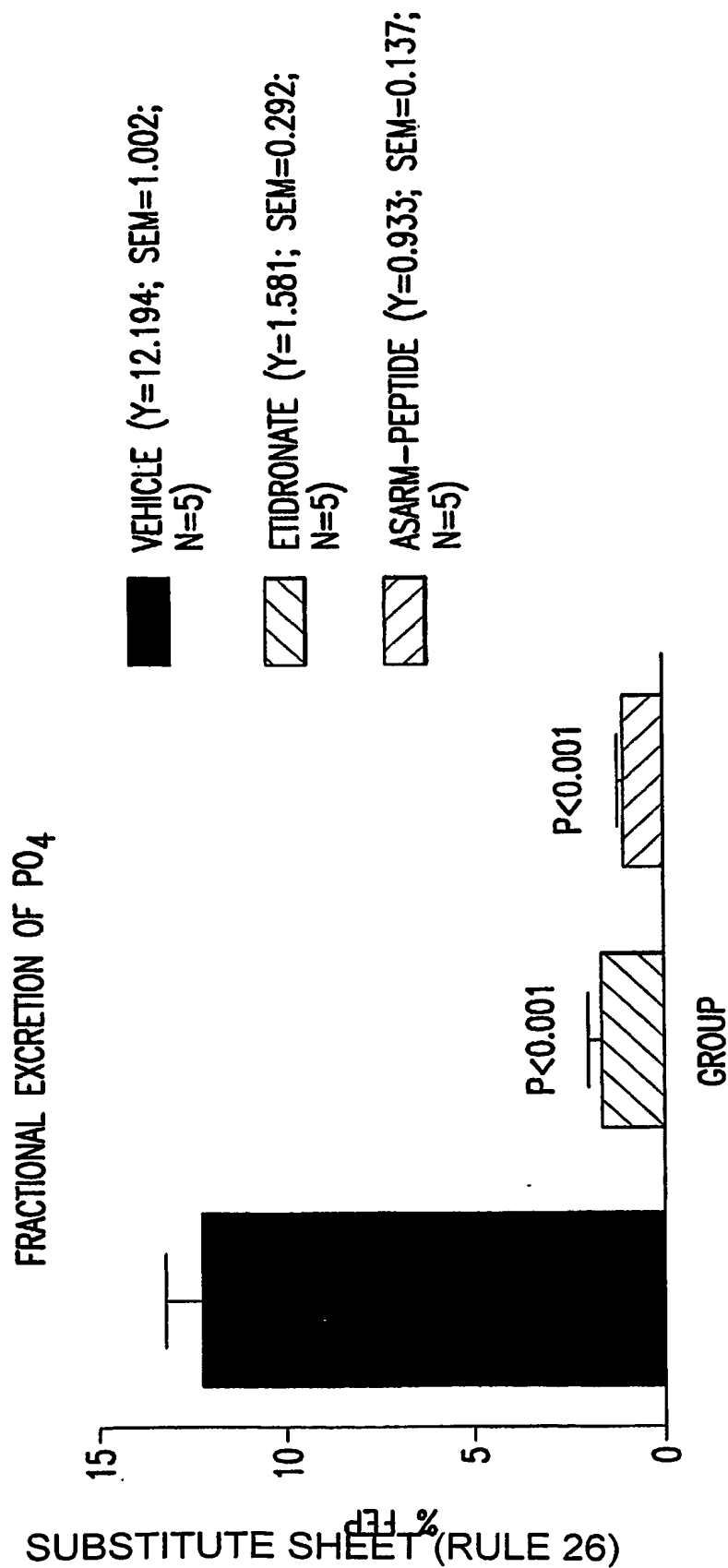


FIG.18

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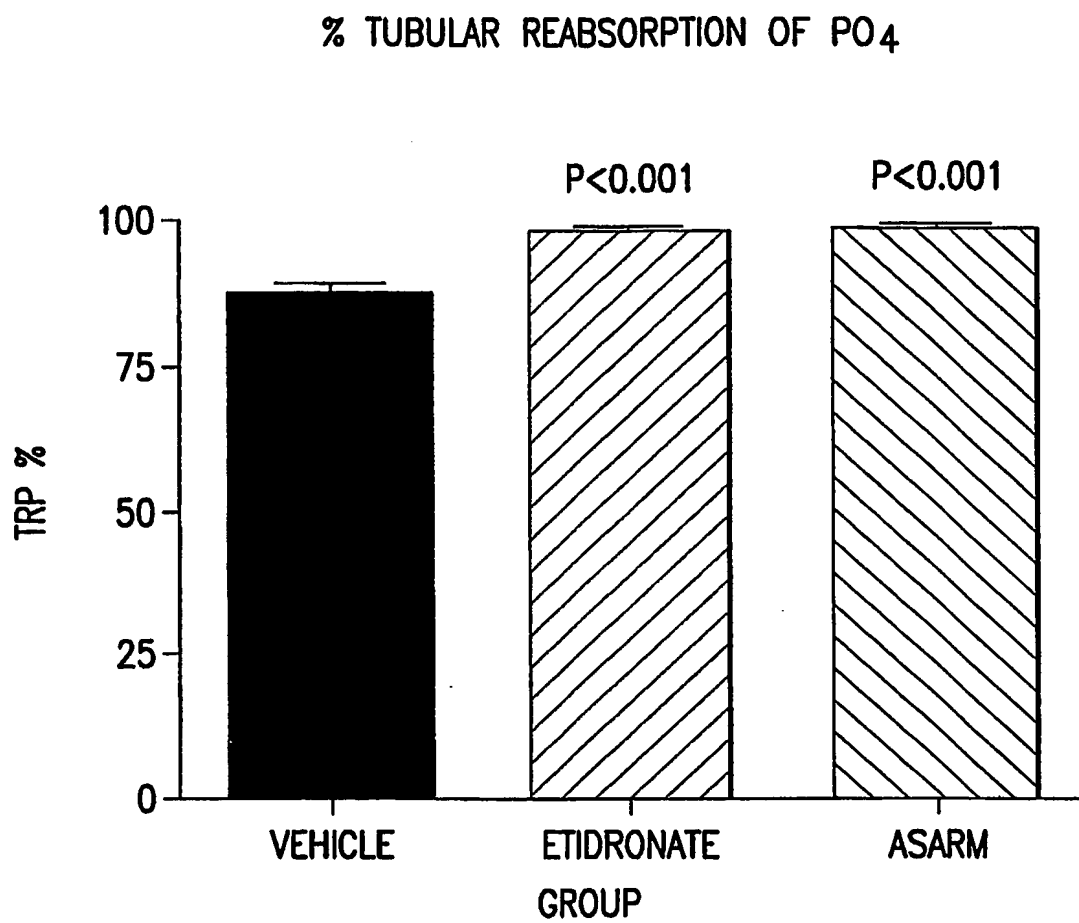


FIG.19

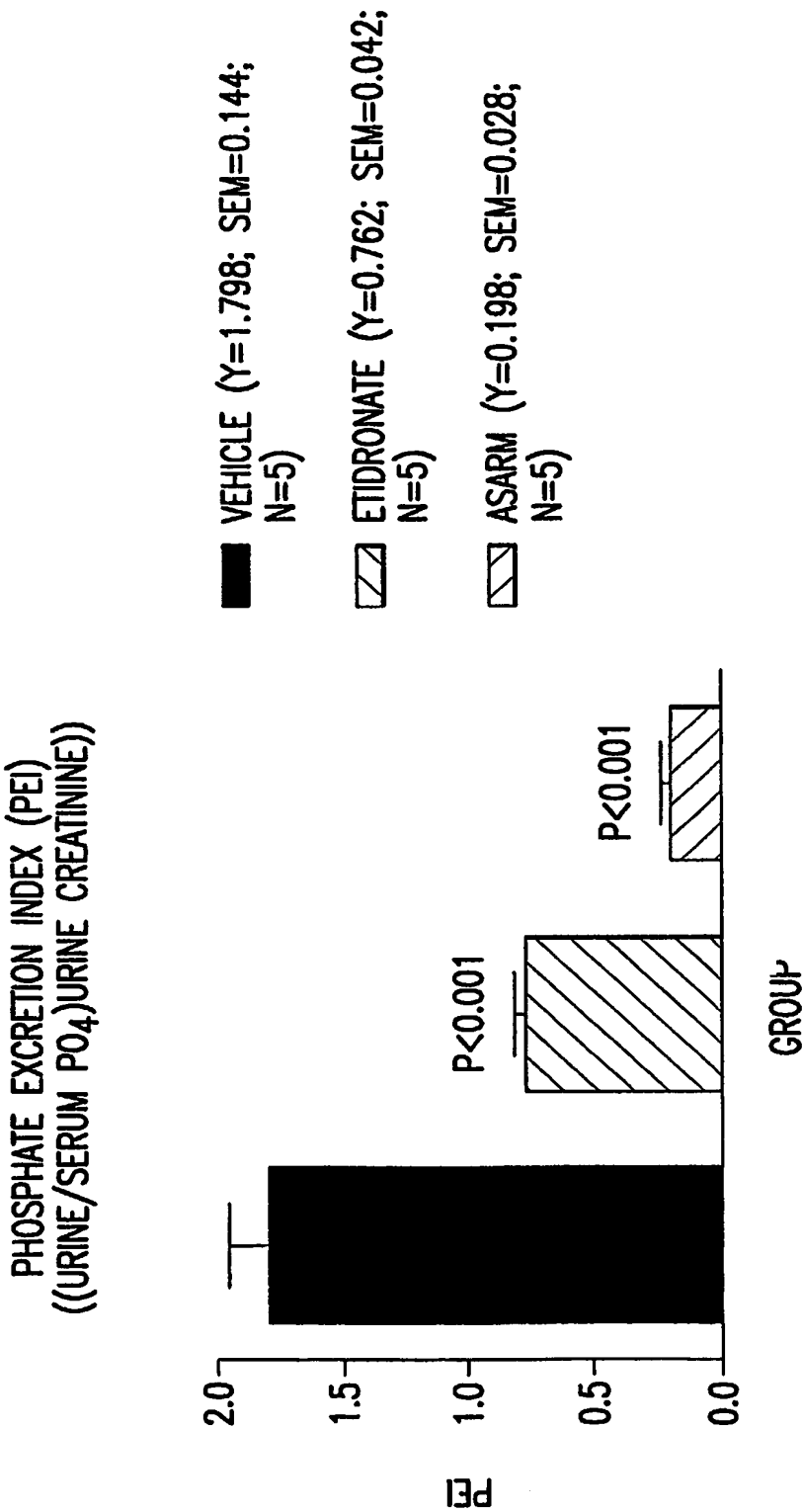


FIG.20

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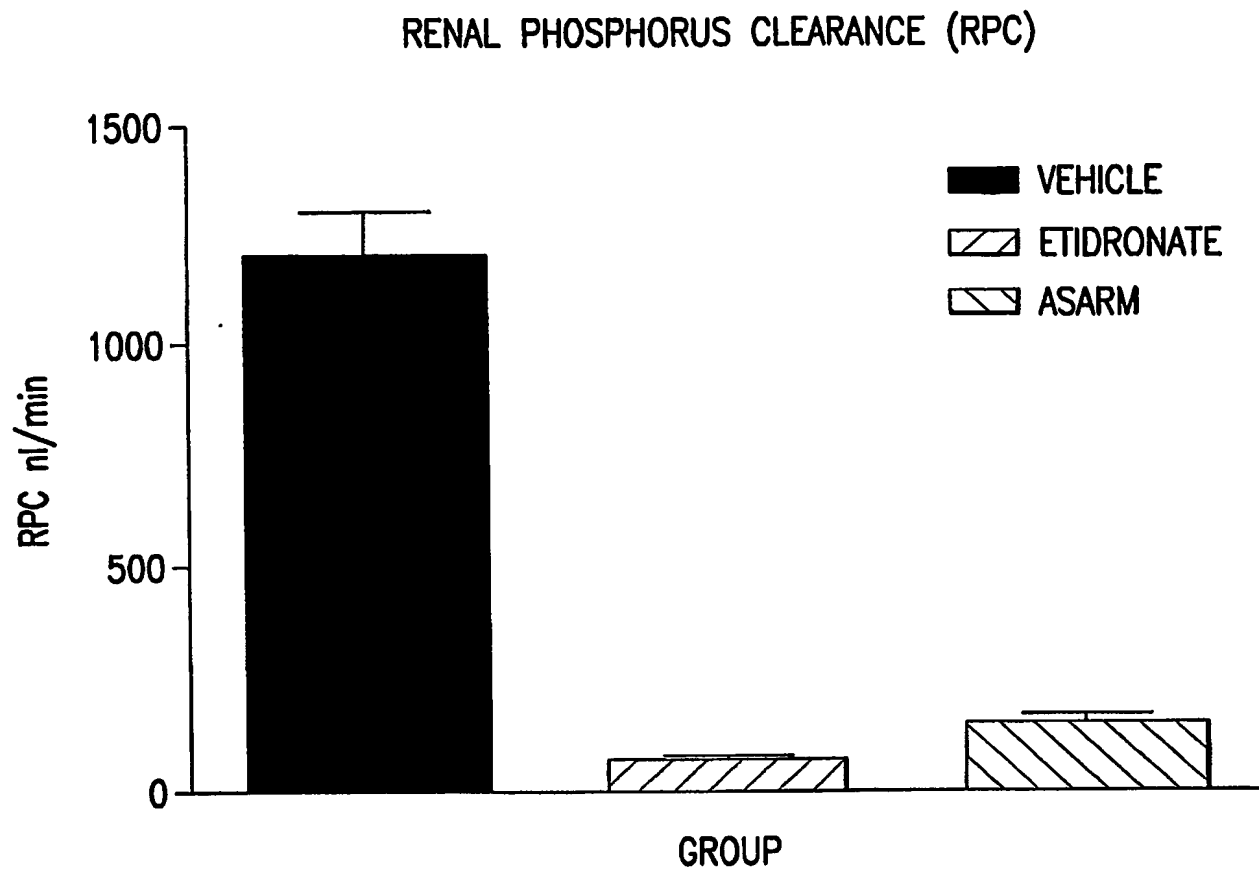


FIG.21

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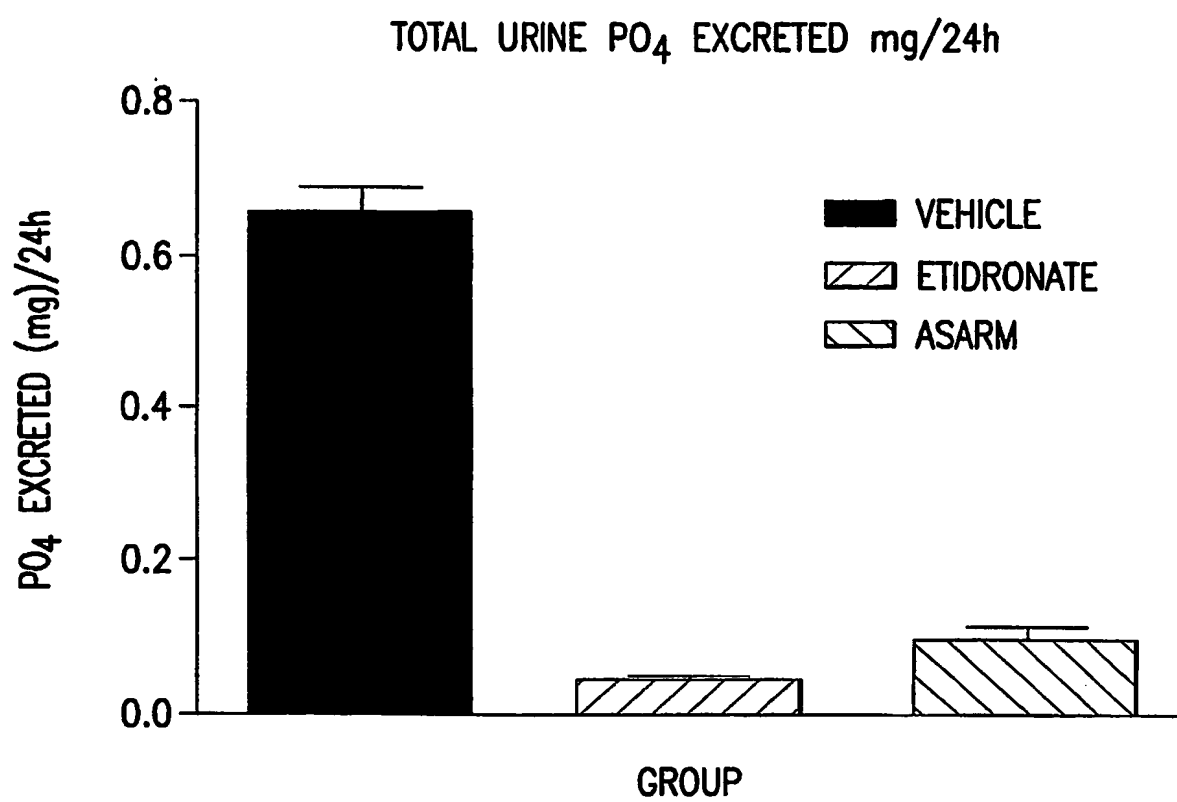


FIG.22

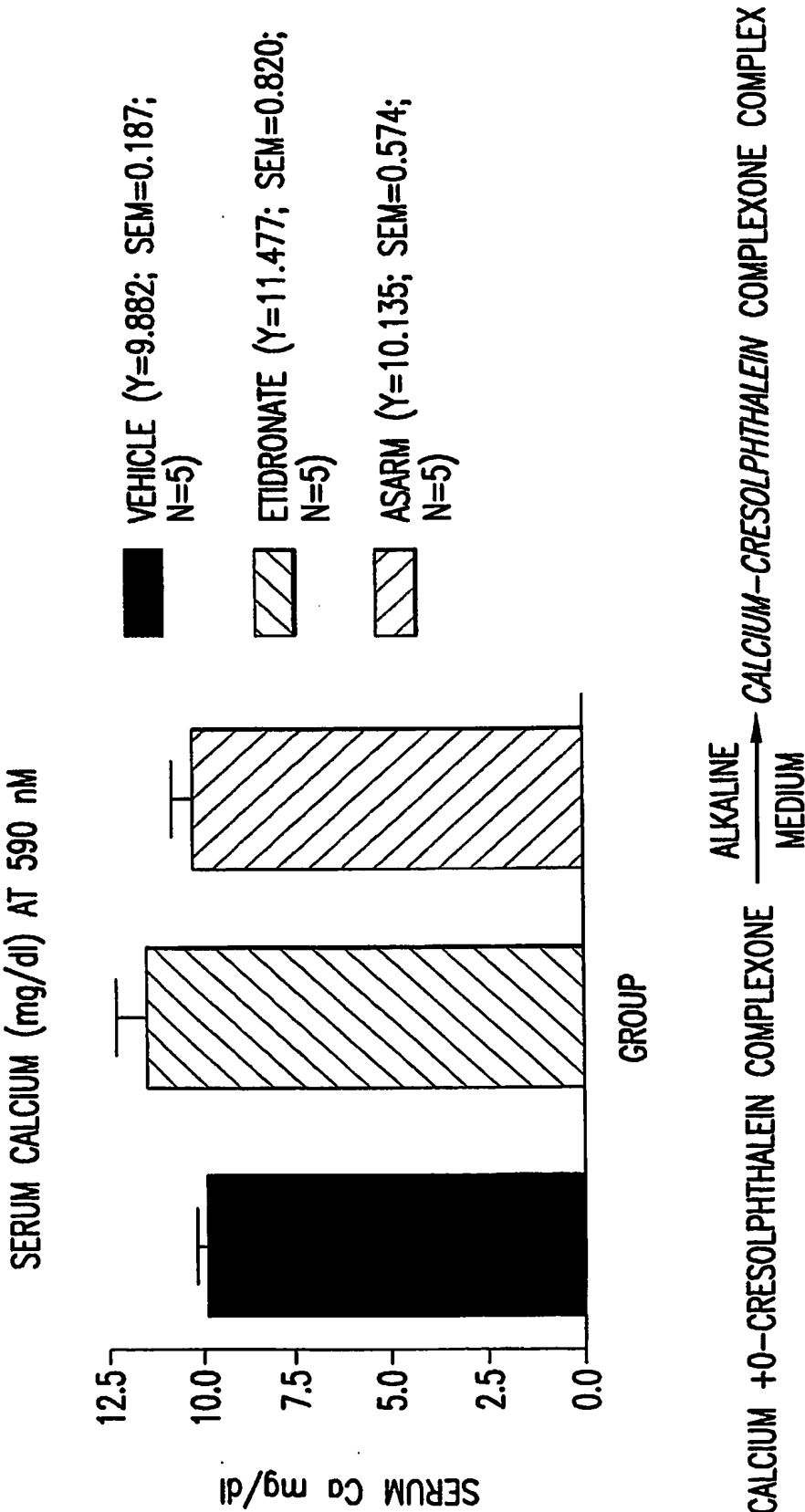


FIG.23



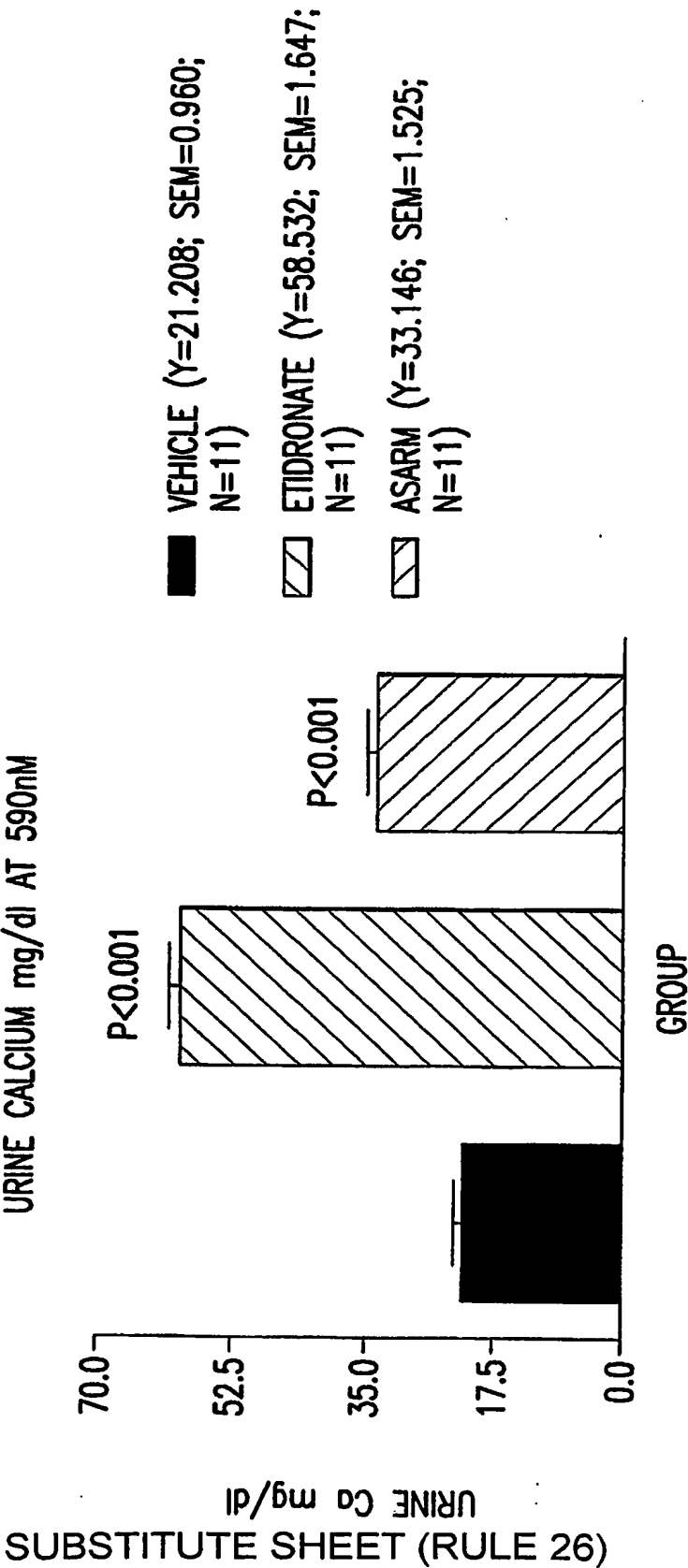
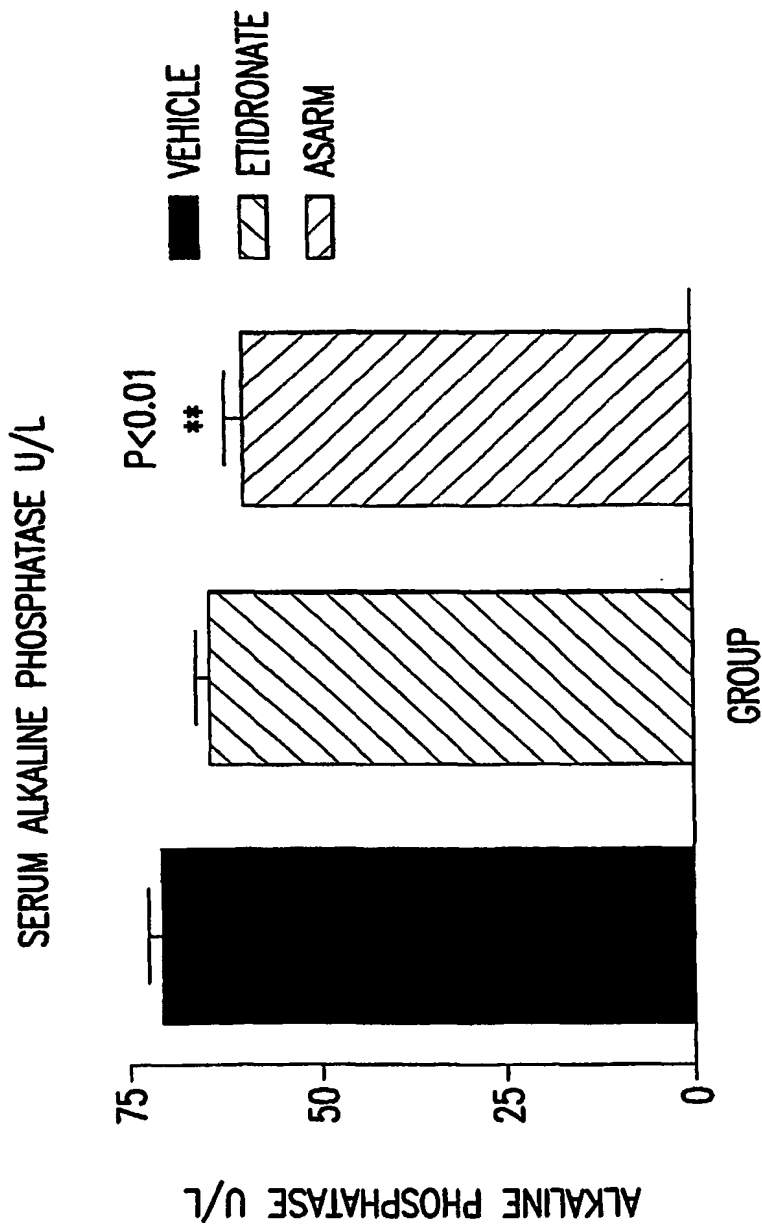


FIG.24



PARAMETER	VALUE	DATA SET-B	DATA SET-C
NEWMAN-KEULS MULTIPLE COMPARISON TEST		q	P VALUE
ASARM vs VEHICLE	-11.21	5.327	P < 0.01
ASARM vs ETIDRONATE	-4.788	2.275	P > 0.05
ETIDRONATE vs VEHICLE	-6.423	3.052	P > 0.05

FIG.25

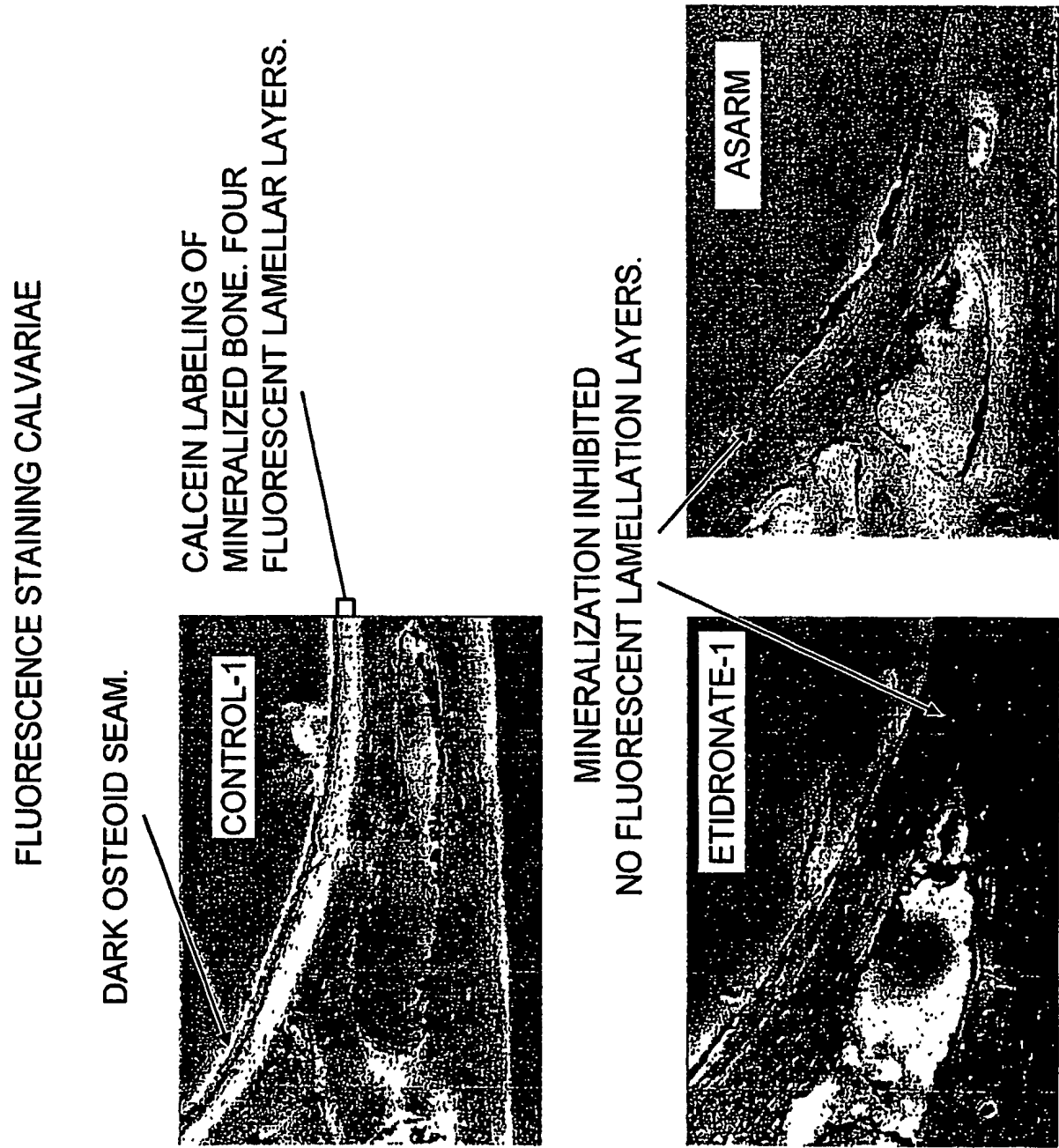


FIG.26

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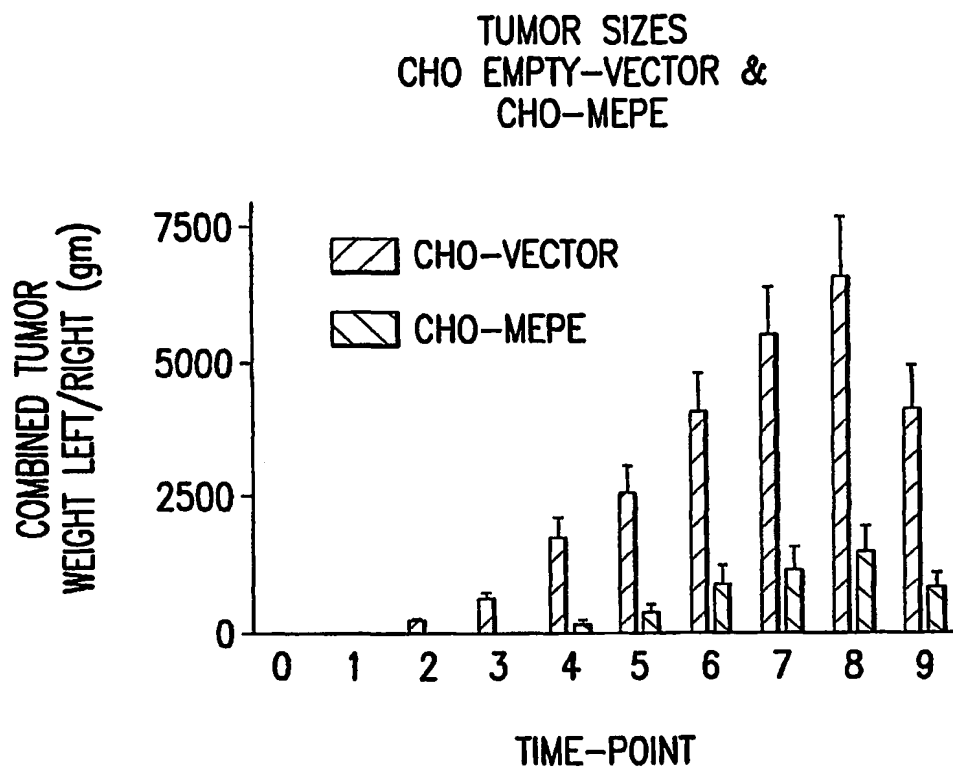


FIG.27

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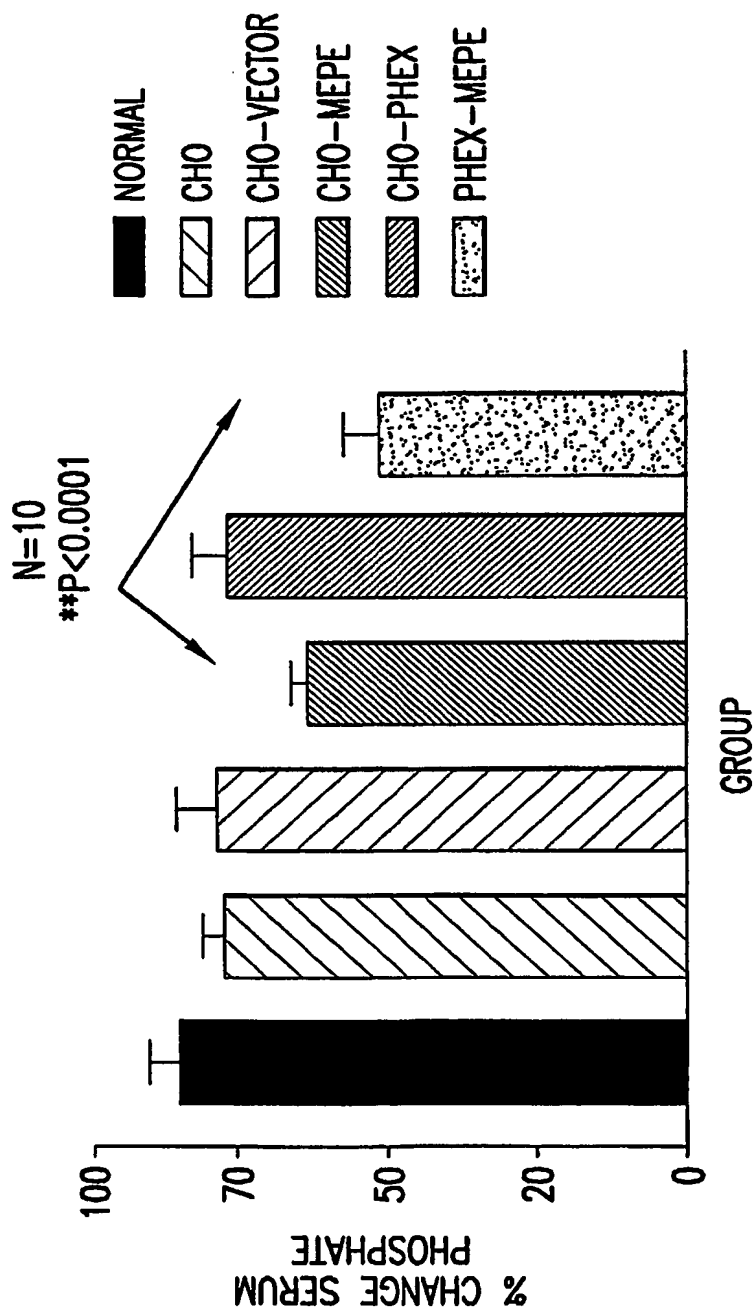


FIG.28

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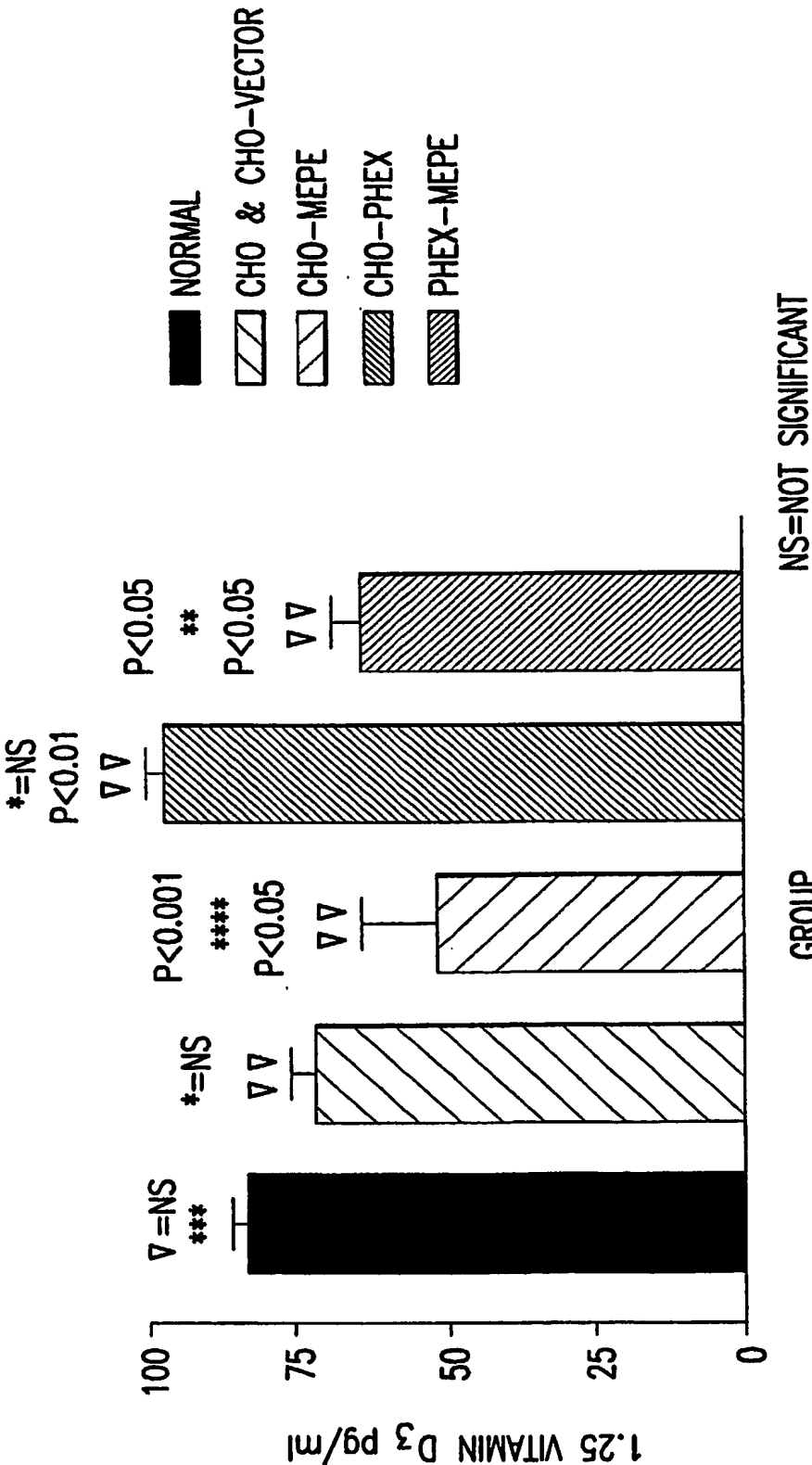


FIG.29

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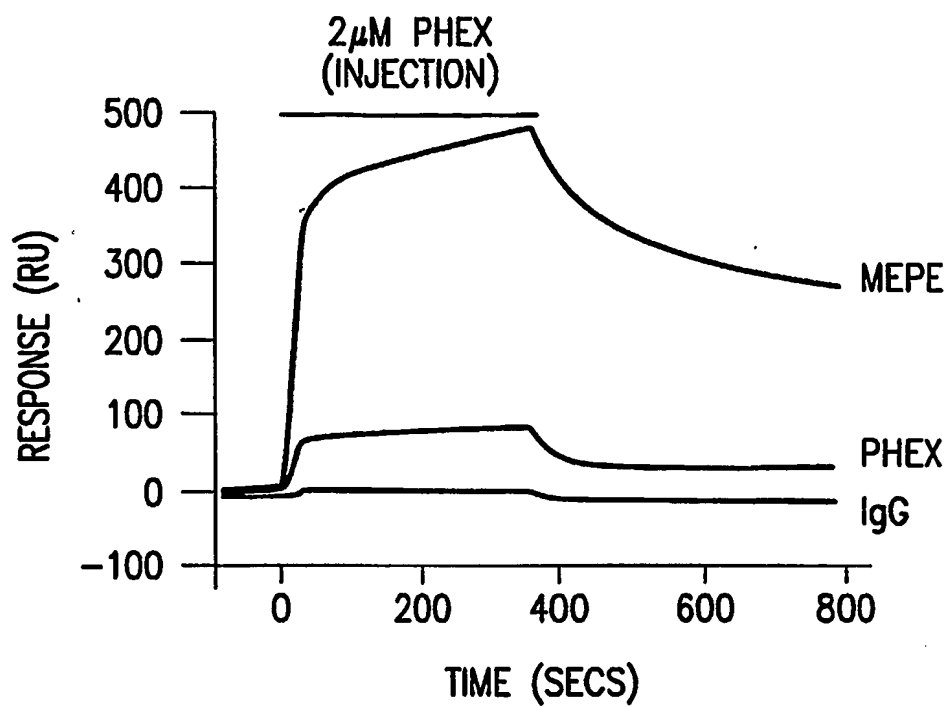


FIG.30

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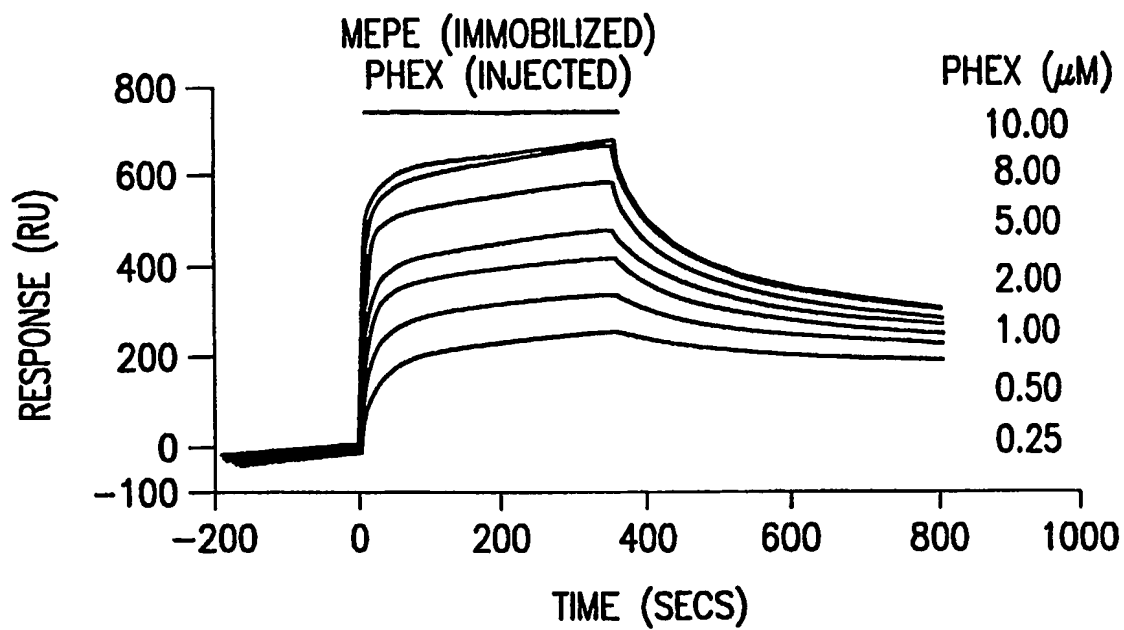


FIG.31



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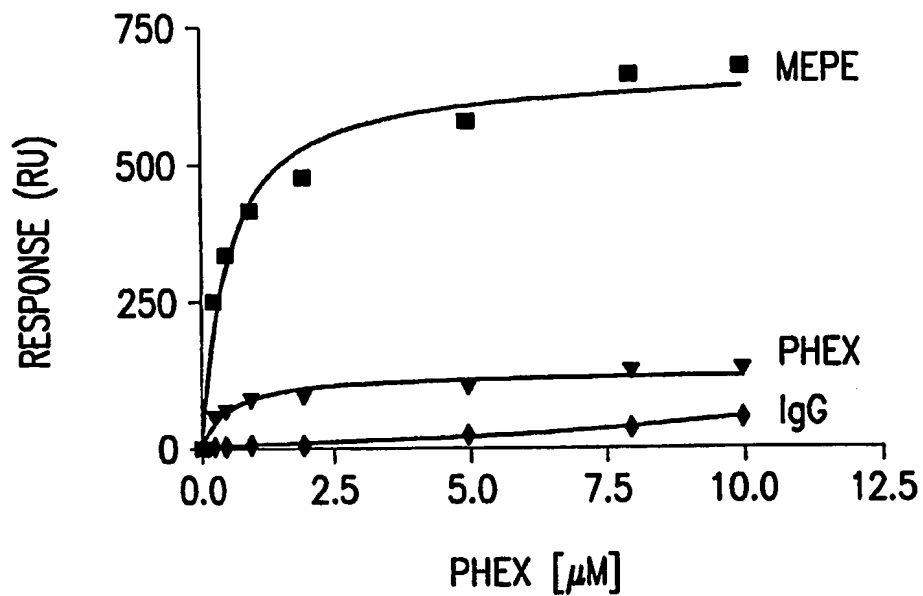


FIG.32A

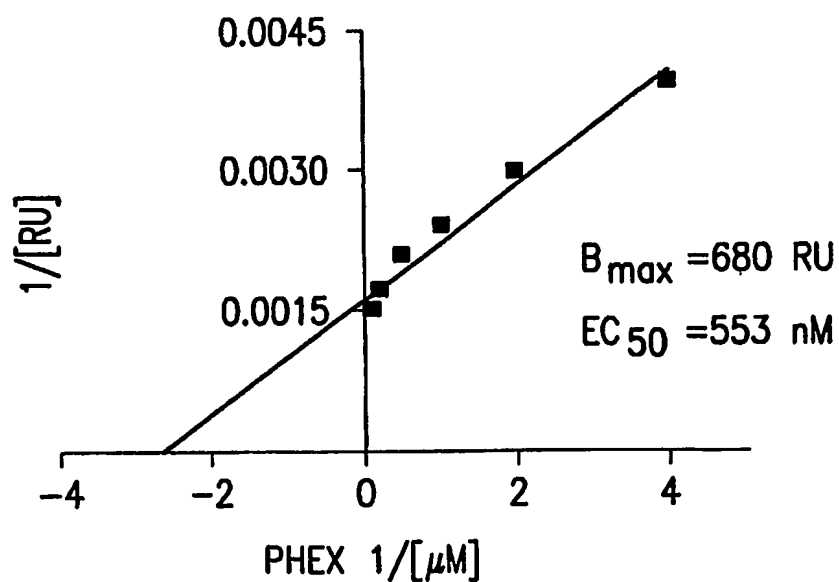


FIG.32B

SUBSTITUTE SHEET (RULE 26)

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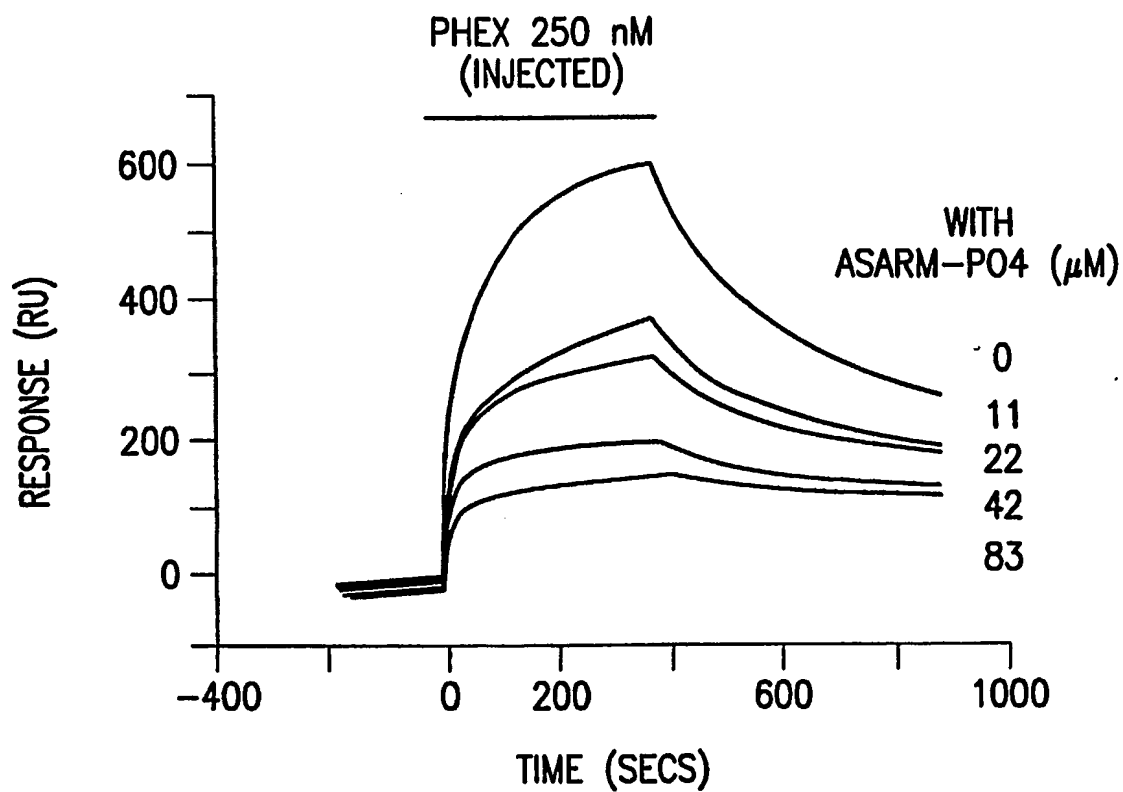


FIG.33

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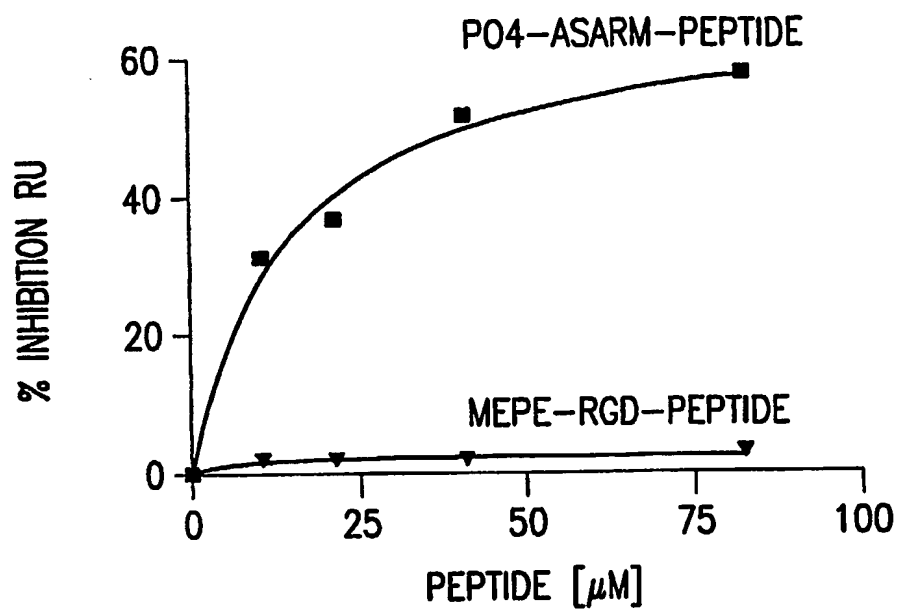


FIG.34A

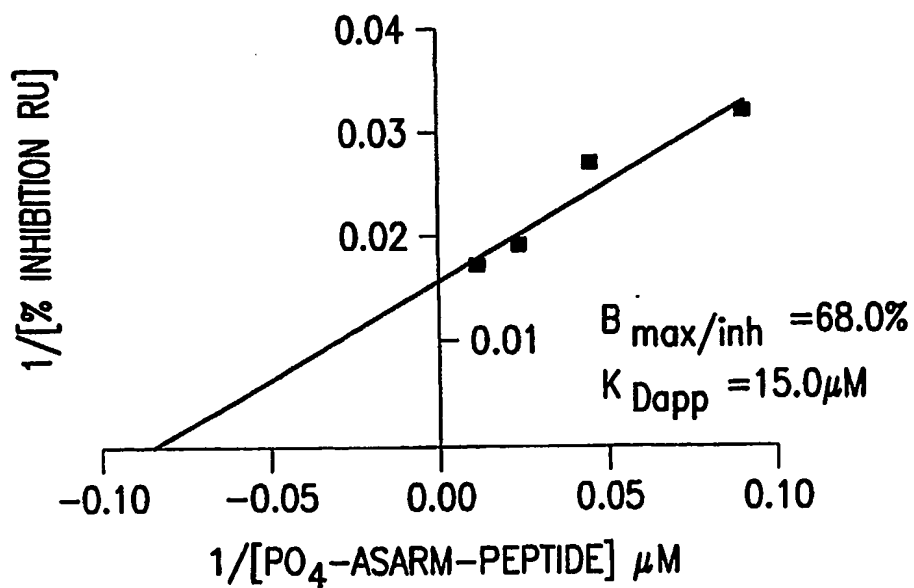


FIG.34B

SUBSTITUTE SHEET (RULE 26)

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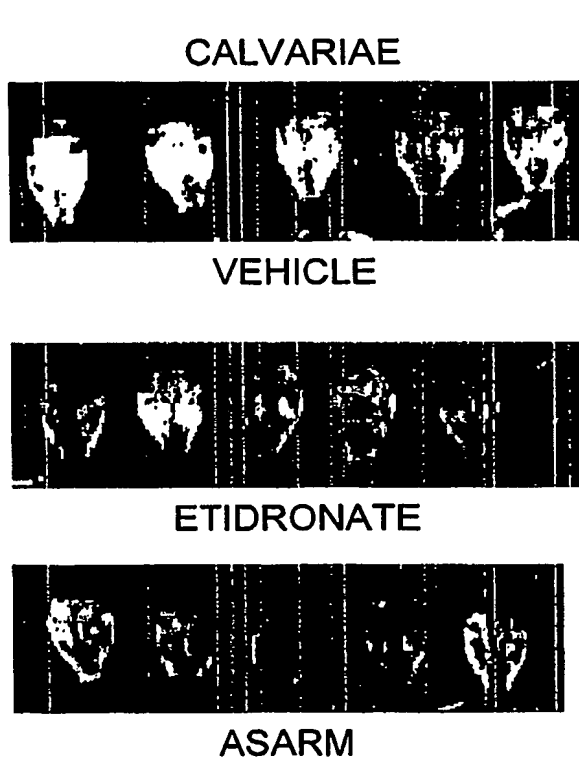


FIG.35A

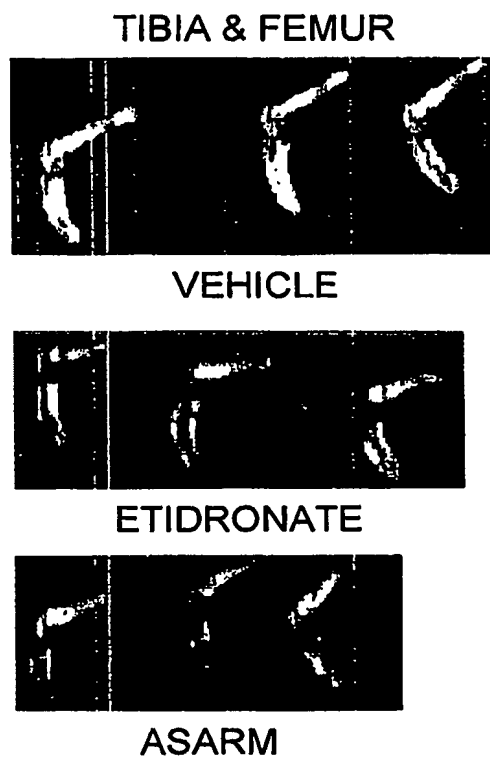


FIG.35B

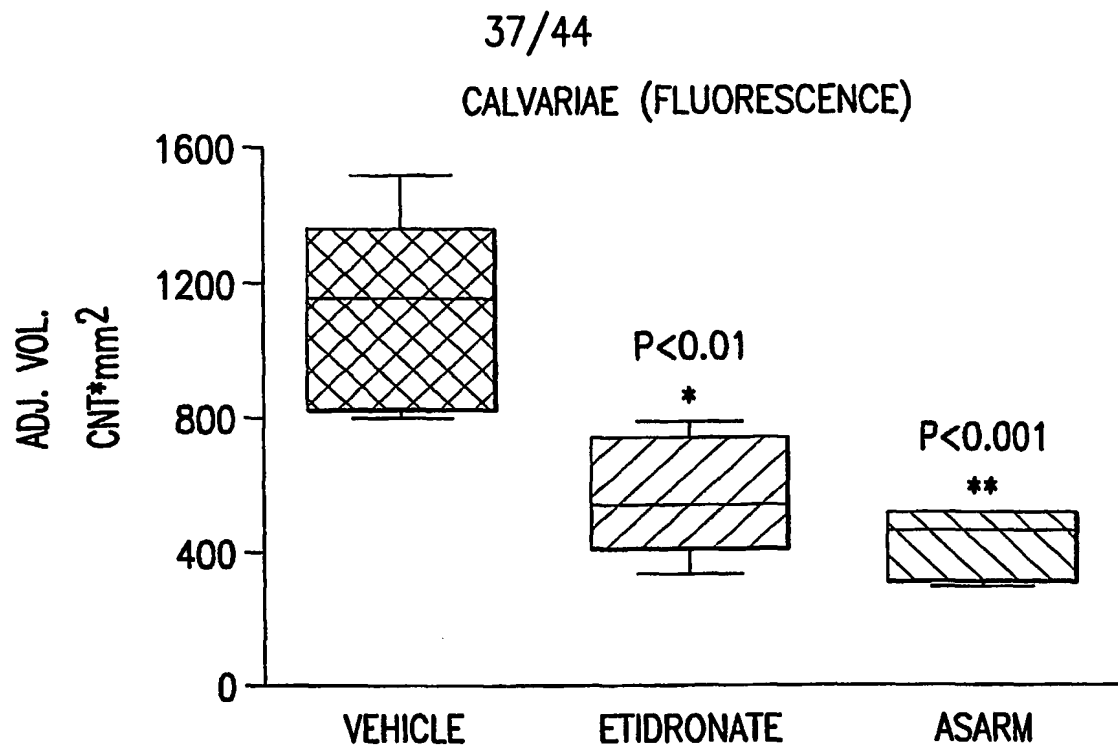


FIG.36A

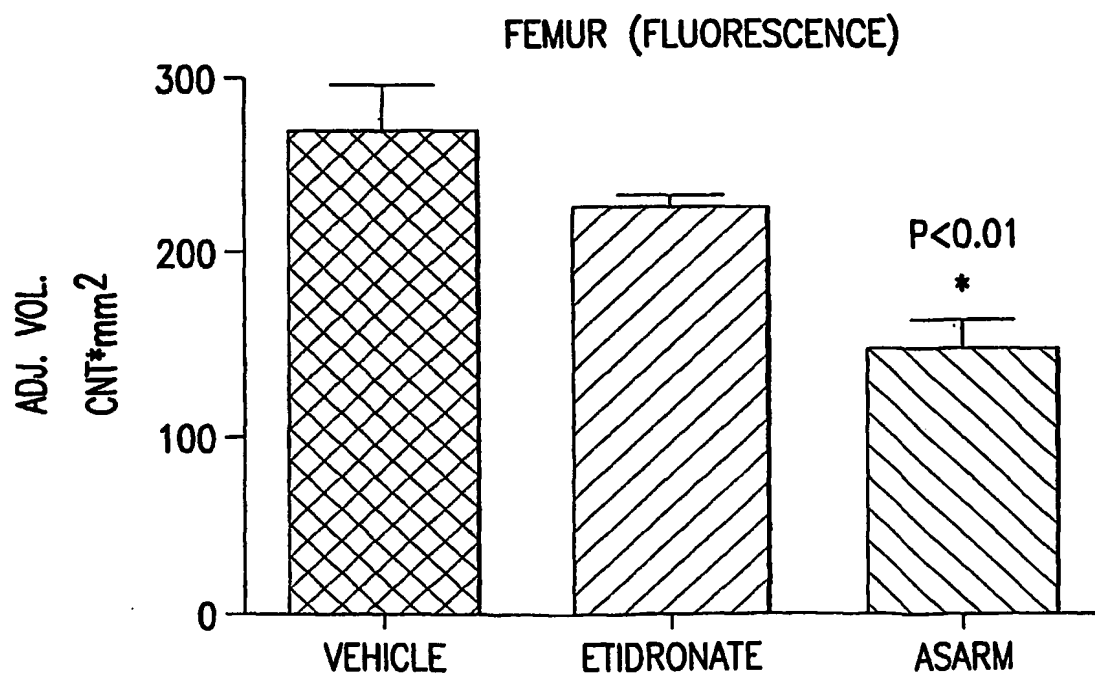


FIG.36B

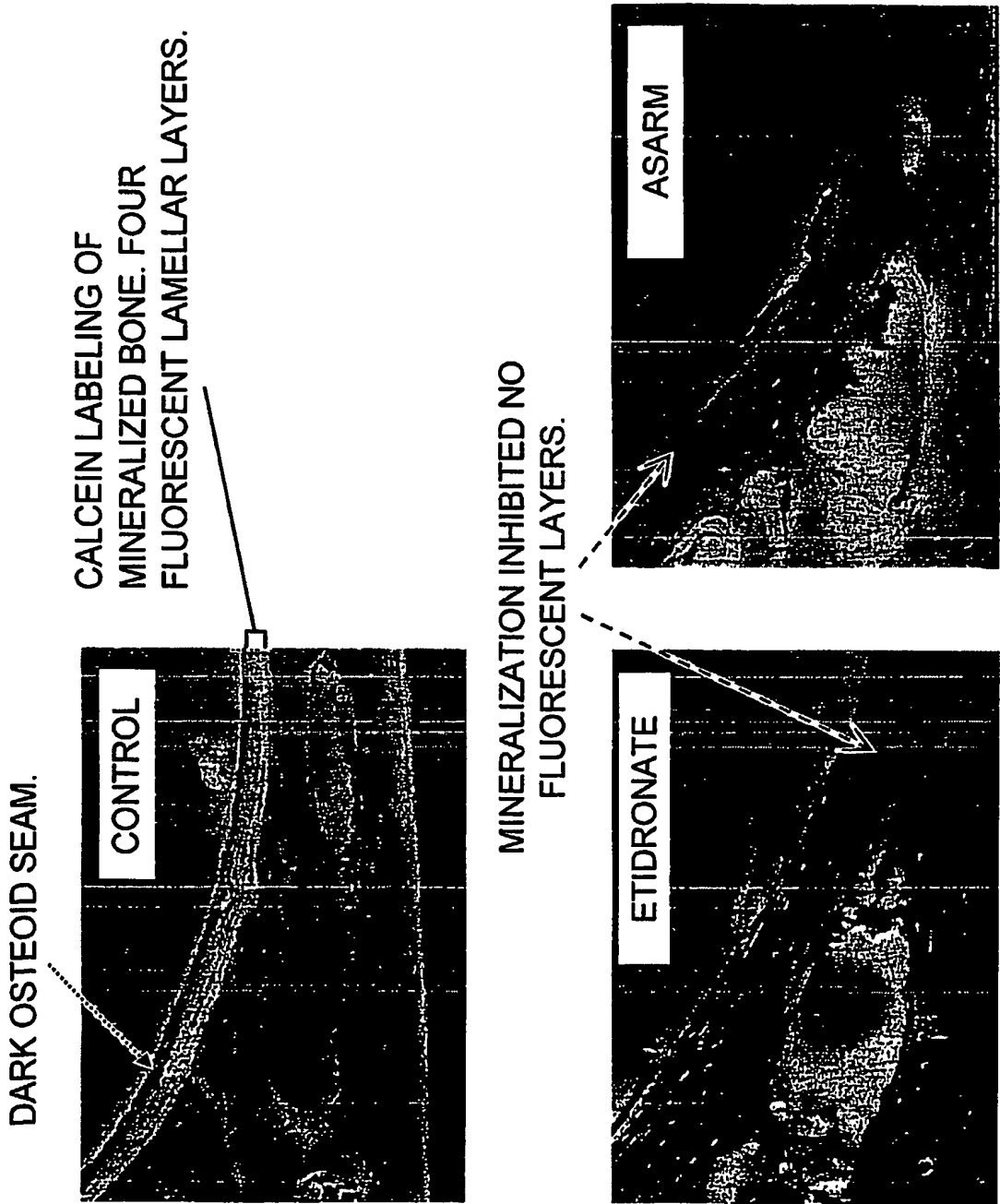


FIG.37

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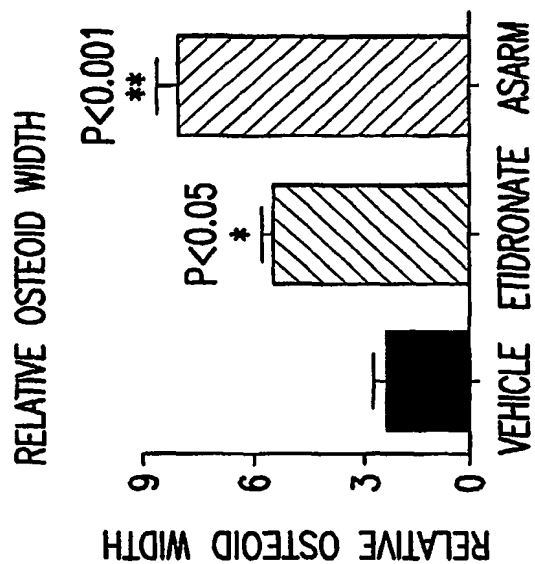


FIG.38

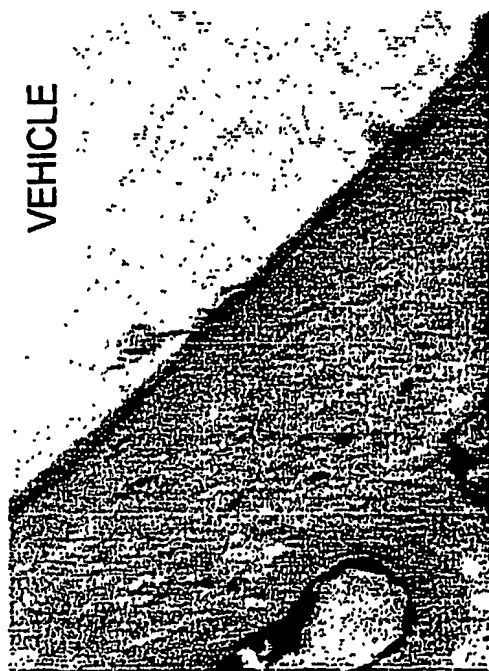


FIG.38A

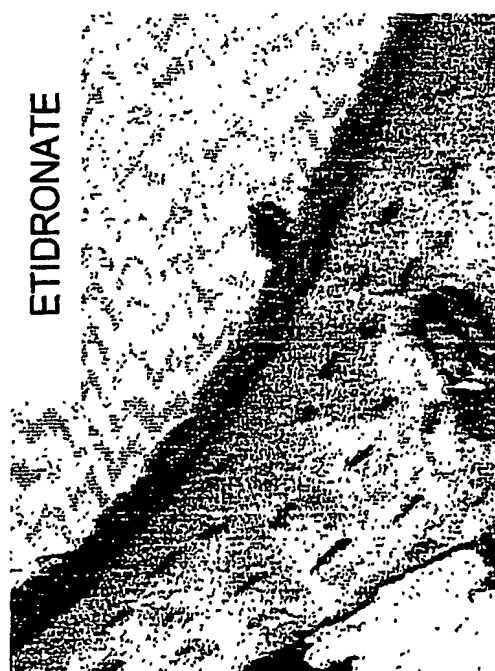


FIG.38B

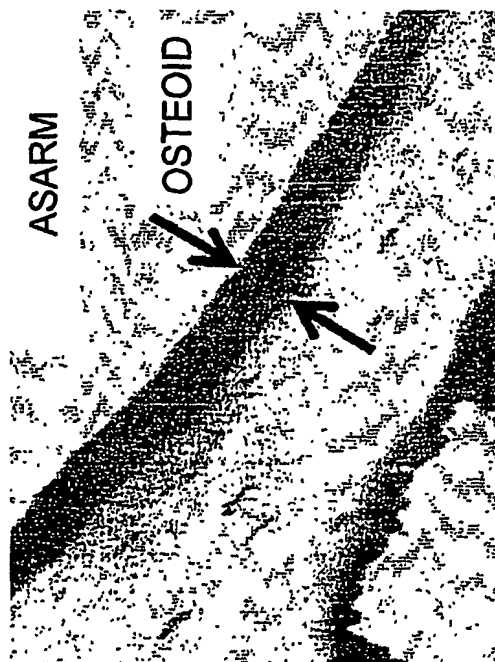


FIG.38C

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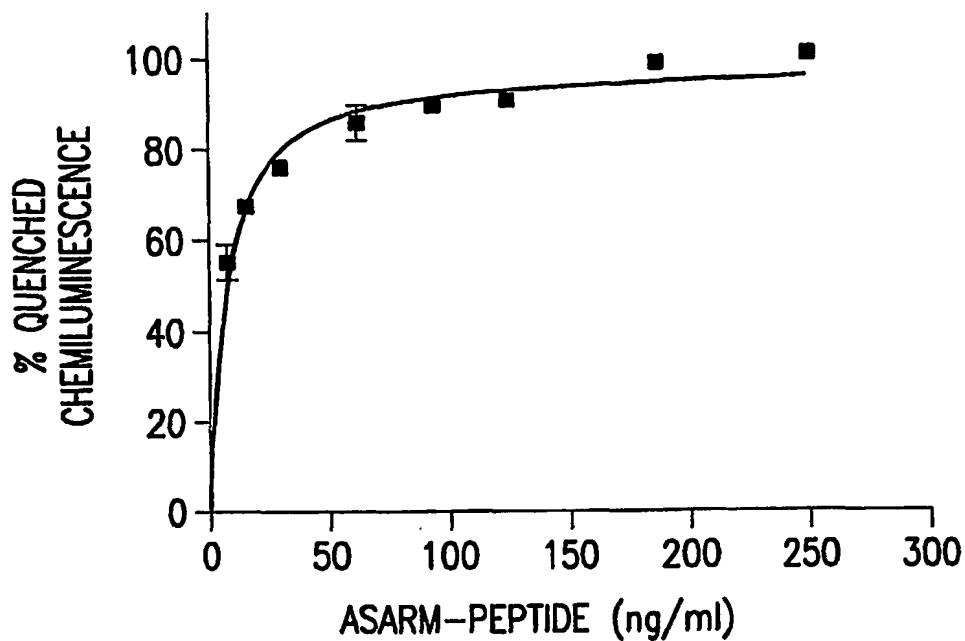


FIG.39A

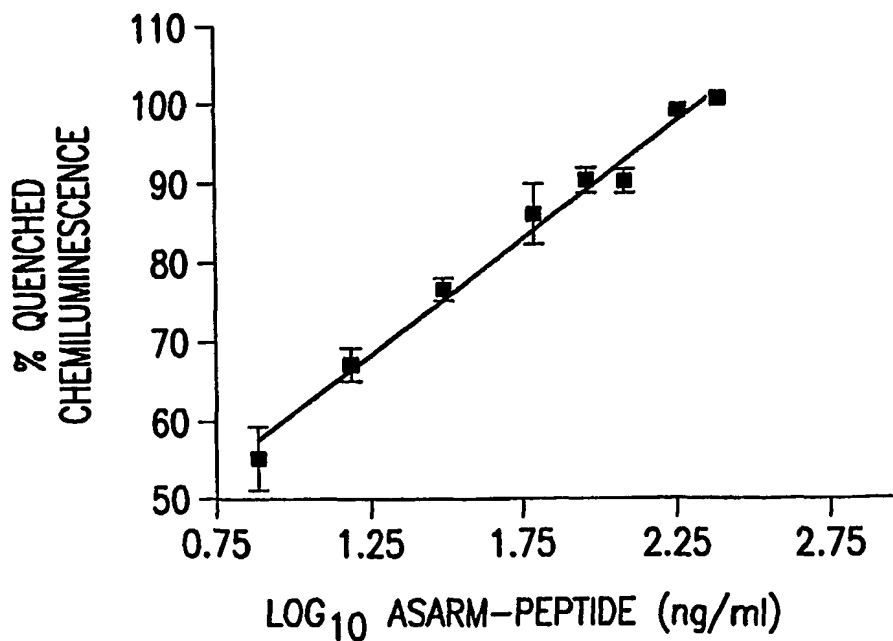


FIG.39B



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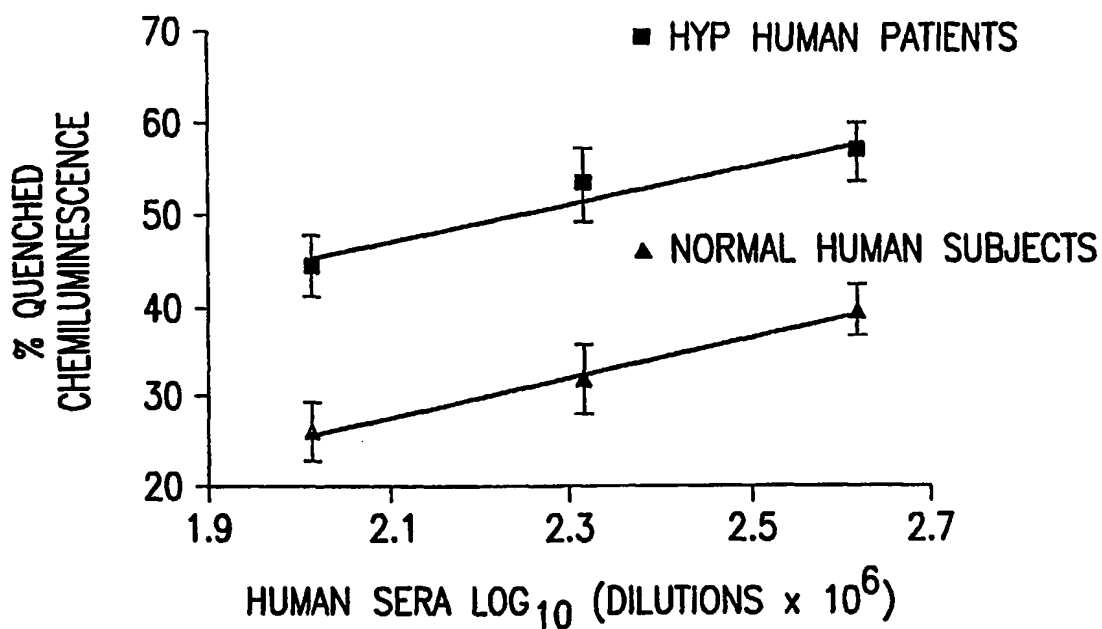


FIG.40A

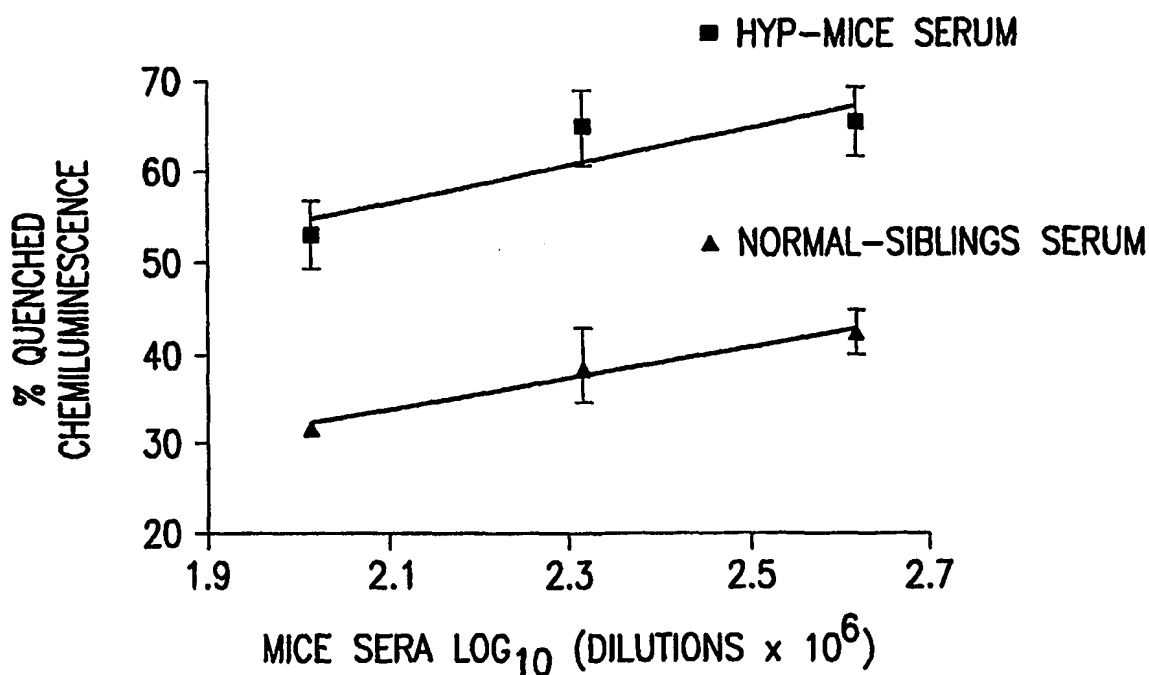


FIG.40B

SUBSTITUTE SHEET (RULE 26)

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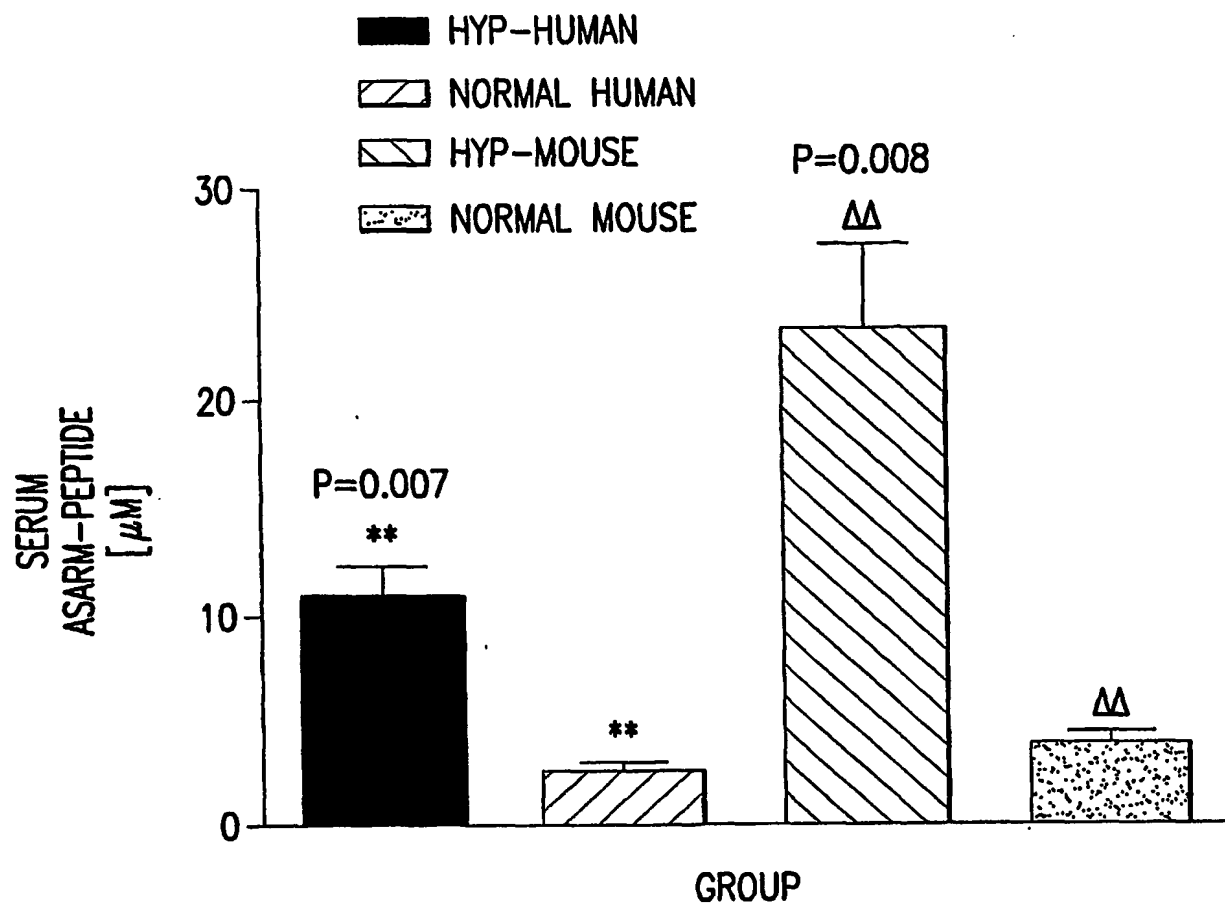


FIG.41

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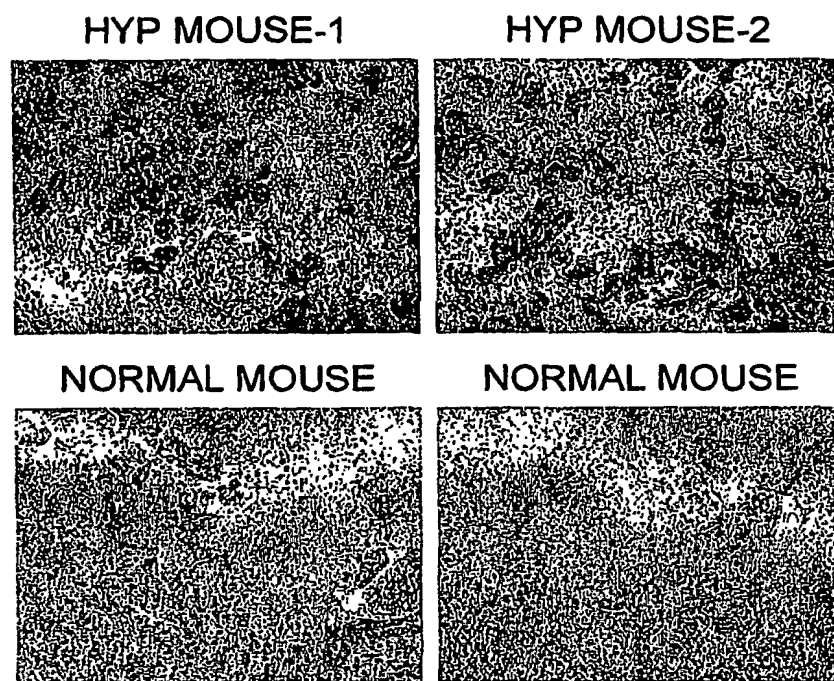


FIG.42

